Frederick J Waugh

Scottish Bird Report 2001

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Compiled and Edited by Ray Murray

2001 Scottish Bird Report

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Editorial

There were 334 species of birds recorded in Scotland in 2001, seven more than in 2000. This total included three new additions to the Scottish List, the peripatetic **Snowy Egret** in Argyll and several other areas, the **Siberian Blue Robin** on North Ronaldsay and the **Black-faced Bunting** on Fair Isle. There were also three second Scottish reports of **Thick-billed Warbler** and **Siberian Rubythroat** on Shetland and a **Whiskered Tern** in North-east Scotland. Another landmark event was the first ever successful breeding of **Red-necked Grebe** in Borders.

Unfortunately it will not be for those events that 2001 will linger in the memory, rather it will be as the year of Foot and Mouth Disease. Although diseased animals were only found in Dumfries & Galloway and in Borders, almost every part of Scotland felt the impact in terms of the access restrictions that prevented birdwatching in the general countryside. This disrupted many surveys and still had an impact on the countryside well into the autumn as overzealous landowners tried to maintain the restrictions long after the countryside had been declared free of the disease. Accordingly the usual sets of data reported in the SBR, especially on breeding reports and on WeBS counts in March and April, are subject to a general caveat about how Foot and Mouth Disease (F&MD) prevented access and thus reporting.

As part of a review of the publications of the Scottish Ornithologists' Club I have been asked by the SOC Editorial Committee to gradually alter the style of the *Scottish Bird Report*. In effect this will hopefully make the species accounts more of a narrative and less terse and packed full of records. More of the records will be summarised and interpreted rather than simply presenting the bald data. While I support this concept, it does mean more work for me as complier as the accounts have to be written in the old style first and then altered. Accordingly, the 2001 *SBR* is a bit of both, most accounts have received some reworking, some have received a lot. I would appreciate some help on this, either with the compiling of the records from the local bird report accounts in the first place, or with the rewrite into a more cursive style. Please volunteer.

Another change is with the use of vignettes. I'm afraid that many of the local bird reports have stopped using artwork as the main tool for illustrating their reports and breaking up the text. As editor of the *Borders Bird Report*, I am as guilty as others. The reason for this is the use of digital photos. These have revolutionised the production of local bird reports. They can be inserted into texts at no extra cost from the printers and there are lots of pictures available as digiscoping catches on. Birders seem just as likely to discuss the merits of their digital cameras nowadays as they are to say how good their latest Zeiss, Swarovski or Leica binoculars or telescopes are. In future *SBRs* we will be able to use some of the many photos of rarities sent into the SOC website, as we have been requesting permission to use these wonderful pictures when the photos are submitted. However this permission routine was not in place in 2001. Delays in working the texts of the 2001 *SBR* meant that I did not leave enough time to seek photos from the many that submit them to the website. Only Jim Duncan responded at the last moment with some excellent pictures. As a result I have filled out the report with some of my own. My apologies for this.

With the various delays that occurred in 1999 & 2000, the SBR is now a year behind schedule. The report being published at this time should really be that for 2002 rather than 2001. Some of the delays were engendered by the non-appearance of local reports from some areas and others that were simply late. Some of these difficulties have been sorted out, most particularly in Highland, where there has been the publication of the magnificent 2002 *Highland Bird Report*. We hope to eventually catch up but that will require help and assistance, as well as prompt appearance of local bird reports. Everyone can help, by promptly sending in reports, by using the SOC spreadsheet to submit data (available on the SOC website or from SOC HQ) and by offering assistance in the production of the local reports and the *SBR*. Please help and make all Scottish bird reports, local and national, more topical !

Ray Murray, July 2004.

Introduction

This is the 34th *Scottish Bird Report* to be published since 1968 by the Scottish Ornithologists Club. The SBR is mostly based on the local area bird reports published by SOC branches and local bird clubs throughout Scotland. The local areas are mapped on the page opposite and a list of Local Recorders and their contact details is on the following pages. Full details for contacting the local recorders and obtaining copies of the local bird reports are included. As Recorder contact details do change from time to time, the most up-to-date contact details are held on the Club website at *www.the-soc.org.uk.*

For the first time in many years there are records from all of Scotland, all Scottish recording areas having made some contribution. Details from Highland and Caithness are mostly of the highlights, rather than full reports, but this difficulty has been resolved with the publication of the *Highland Bird Report* for 2002 and the establishment of a database for records from Caithness. The appearance of the *Sutherland Bird Review* has helped to fill the gap, particularly for 2001.

It should be emphasised that local bird reports can only contain information on what has actually been observed in an area in any year. They do not seek to summarise a species' status in the area. That is the place of a "The Birds of Moray & Nairn" not the 2001 *Moray & Nairn Bird Report.* They are in effect annual samples of the local bird populations, some being better samples than others. Paradoxically we are likely to know much more about our rarer species than those that are more common. The job of the *SBR* is to present a comprehensible summary of the huge amount of data that is contained in twenty-odd Scottish local bird reports. This task is by no means easy as different bird reports can place a different emphasis on different species. They can also present their data in a bewildering number of ways, all of which are not necessarily compatible. In order to present as much data as possible in the *SBR* I feel it appropriate to abbreviate the area names as much as possible, allowing for full comprehension. Accordingly many local recording area names are referred to by just single letters (in bold) or the simplest abbreviation. Sites are now reported more fully but all site names are followed by the abbreviation for the recording area the first time they appear in any species account, but not subsequently.

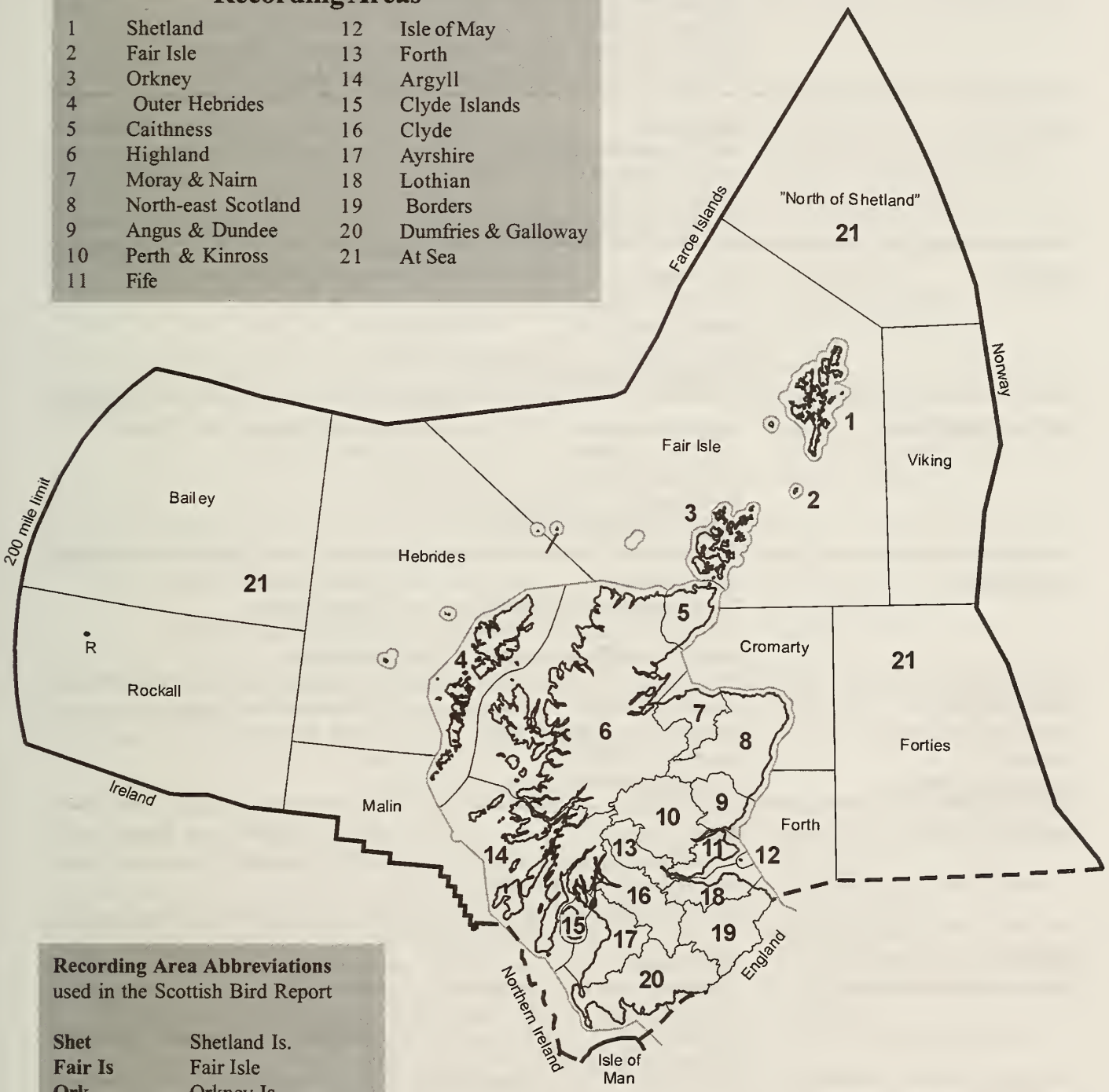
Only selected records are provided. Precedence is given to details concerning breeding populations, peak counts and migration patterns. This issue also includes observations of the first sightings of young away from the nest, a feature that I would like to encourage observers to forward to their recorders. Just as changes in arrival dates might tell us something of climatic change, so might the first sighting of young, if recorded over long periods of time. All national rarities and semi-rarities are included only where the BBRC, SBRC or the local areas committees have vetted the descriptions. Any records pending at the time of publication will be included in future reports, if accepted. If more details are required for any record, the first source should **always** be the local area report and then the local recorder. Minor mistakes have occurred in the past in the details of dates and numbers and in the spelling of place names. While every effort is made to ensure that these do not occur, minor mistakes do creep in noticed. They will not be corrected in future editions of the SBR. The precise corroboration of any record should **always** be with the local bird report concerned.

The sequence of the birds names has been changed in accordance with changes in the British Ornithologists's Union's British List. This involves bringing the waterfowl and gamebirds to the front of the list with the diver and grebes following on. There have also been minor changes in the sequence of *Sylvia* warblers. Similarly the bird names are those used in the British List, the older, more familiar, names appearing in brackets.

Two conventions are used to denote breeding success: **MBS** - *mean brood size*, is used when the data comprises counts of broods, MBS being calculated by dividing the number of young by the number of broods; **MBP** - *mean breeding production*, is used when the size of the population attempting to breed is known, the number of young being divided by the number of breeding attempts or territorial pairs. MBP necessarily includes unsuccessful attempts

Recording Areas

1	Shetland	12	Isle of May
2	Fair Isle	13	Forth
3	Orkney	14	Argyll
4	Outer Hebrides	15	Clyde Islands
5	Caithness	16	Clyde
6	Highland	17	Ayrshire
7	Moray & Nairn	18	Lothian
8	North-east Scotland	19	Borders
9	Angus & Dundee	20	Dumfries & Galloway
10	Perth & Kinross	21	At Sea
11	Fife		



Recording Area Abbreviations used in the Scottish Bird Report

Shet	Shetland Is.
Fair Is	Fair Isle
Ork	Orkney Is.
OH or OHeb	Outer Hebrides
Caith	Caithness
H or High	Highland
M&N	Moray & Nairn
NE	North-east Scotland
A&D	Angus & Dundee
P&K	Perth & Kinross
F or Fife	Fife
Is of May	Isle of May
Forth	Forth
L or Loth	Lothian
B or Bord	Borders
Arg	Argyll
Clyde Is	Clyde Islands
Clyde	Clyde
Ayr	Ayrshire
D&G	Dumfries & Galloway

Abbreviations used in tables:
Recording areas are combined as follows in tables and charts

N Isles	Shetland, Fair Isle & Orkney
OHeb	Outer Hebrides
N Scot	Caithness & Highland
NE Scot	Moray & Nairn & North-east Scotland
E/C Scot	Angus & Dundee, Perth & Kinross, Fife, Isle of May & Forth
SE Scot	Lothian & Borders
W Scot	Argyll & Clyde Islands & Clyde
SW Scot	Ayrshire & Dumfries & Galloway
N&W Isles	Shetland, Fair Isle, Orkney and Outer Hebrides

SHETLAND (except Fair Isle)	**Mick Maher** Hamarsgarth, Haroldswick, Unst Shetland ZE2 9ED 01957 711677 recorder@birdclub.shetland.co.uk	*Shetland Bird Report* Martin Heubeck Shetland Bird Club Sumburgh Lighthouse Shetland ZE3 9JN
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ORKNEY	**Jim Williams** Fairholm, Finstown Orkney KW17 2EQ 01856 761317 jim@geniefea.freeserve.co.uk	*Orkney Bird Report* *from Recorder*
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CLYDE ISLANDS Arran, Bute, Cumbraes	**Dr Bernard Zonfrillo** 28 Brodie Road, Glasgow G21 3SB b.zonfrillo@bio.gla.ac.uk	*Clyde Island Bird Report* (in Clyde Birds)
CLYDE E&W Renfrewshire, Inverclyde, E&W Dunbartonshire, Glasgow, old Dunbartoneshire area of Argyll Clyde drainage of Stirlingshire	**Iain Gibson** 8 Kenmure View, Howwood, Jognstone Renfrewshire PA9 1DR 01505 705874 c/o jim.val@btinternet.com	*Clyde Birds* Jim & Val Wilson 76 Laigh Road, Newton Mearns Glasgow G77 5EQ 0141 639 2516
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Acknowledgements

The major thanks however must go to all of the Scottish local area recorders and their editors for the compilation and production of the area reports on which the *SBR* is based. I particularly thanks those that managed to send me both copies of their Bird Reports and the Word files from which the reports were published, the computer files to some extent make the task of compiling the SBR simpler.

I would like to thank those Local Recorders and Local Report Editors who proof read and replied to the draft versions of SBR that were circulated in May and June 2004. The inevitable errors that creep into any production like this will have hopefully been banished, although I have no doubt that during my first read of the SBR when it comes back from the printers that I see several typos immediately. My thanks to **Iain Gibson**, **Jim & Val Wilson**, **Dan Carmichael**, **Cliff Henty**, **Ron Youngman**, **Mike Pennington**, **Angus Hogg**, **Bernie Zonfrillo**, **Paul Collin**, **Deryk Shaw** and **Martin Cook**. I would also like to thanks **Roy Dennis** for permission to use the Honey Buzzard website photos and maps, and to **Dave Thorne** and especially **Jim Duncan** for e-mailing photos to me at very short notice to help relieve the text of the SBR. The remainder of the photos are my responsibility.

My thanks also to various people who have spotted gaps in the data published and sent me local reports to help fill these holes in the archive. **Alan Vittery** kindly sent me a copy of the Sutherland Bird Review, **Ken Shaw** & **Paul Brooks** sent *WeBS* data on Loch Leven as well as their annual report, and thank you to those with on the staff of RSPB and SNH who forward the annual reports of the conservation projects associated with Red Kite, White-tailed Eagle, Corncrake and other species. JNCC also send a copy of the invaluable 'Seabirds Numbers and Breeding Success' report annually.

I would be grateful to receive any other source documents out there that deserve further exposure and will help to complete the annual picture of Scotland's birds.

Abbreviations used in the Scottish Bird Report

Despite a policy of reducing the abbreviations used in the text, there is still the need for a few.

m/mm	male(s)	MBP	mean breeding production
f/ff	female (s)	imm	immature
pr(s)	pair(s)	1st-w	age - first-winter etc.
terr	territory	2nd-s	age - second summer etc.
AOT	apparenly occupied territory	N - SE	flight direction
AON	apparently occupied nest	/hr	hourly passage rate
(34)	equivalent figure for previous yea	RSG	Raptor Study Group
c/2	clutch of 2 eggs etc.	km^2	square kilometre
br2	brood of 2 young etc.	*BBS*	Breeding Bird Survey
2br16	2 broods with 16 young	*WeBS*	Wetland Bird Survey
MCS	mean clutch size	*WBS*	Waterways Bird Survey
MBS	mean brood size	*CES*	Constant Effort Site

Pied Wagtail
Dunoon
Argyll

The Scottish Birds Records Committee

A total of 56 records were examined by SBRC for 2001, with only 30 being accepted. As in 2000, the acceptance rate was considerably lower than in most recent years.

Amendments to Scottish List –species and subspecies

Since the last amendments to the Scottish List (2000 *SBR*: 5-7), the British Ornithologists' Union Records Committee have published both their 29th Report (Ibis 145: 178-183) and 30th Report (Ibis 146: 192-195). Additionally the 1st & 2nd Reports of their Taxonomic Sub-Committee (*Ibis* 144: 707-710 and *Ibis* 146: 153-157) has been issued. There have been a considerable number of recommended changes in these reports that affect the Scottish List. Changes have also arisen from other sources.

The definitions for two of the Categories of the British List have been redefined (Ibis 145: 178-183). The Scottish List uses the same Category definitions as the British List and therefore two minor changes are required. The introduction of Category C is reworded to read:-

Species that although introduced now derive from the resulting self-sustaining populations.

The sub-categories remain unchanged. Category D has been redefined to allow dual categorisation of B and D. The new definition of Category D is:-

Species that would otherwise appear in Category A except that there is reasonable doubt that they have ever occurred in a natural state.

Evolutionary Relationships and Systematics

Through the adoption of investigative techniques associated with DNA studies there has been a great advance in recent years into our understanding of interrelationships of living organisms.
In a review of recent phylogenetic and DNA studies of the basal relationships of birds has led to a reassessment of the order of families in the British List. Genetic and systematics indicate there is a strong relationship between the Anseriformes (Ducks, Geese and Swans) and the Galliformes (Gamebirds) and they now form a new group, the Galloanserae. The relationship of that taxon with others of similar rank dictates that the Galloanserae should be placed at the start of the British List. The sequence therefore now starts with the Swans, Geese & Ducks followed by the Gamebirds, before moving on through the Voous order as before.

The evolutionary relationships within the scrub warbler genus *Sylvia* have also been clarified and should be listed in the following sequence within the British List (Ibis 146: 153-157):-

Blackcap	*S. atricapilla*
Garden Warbler	*S. borin*
Barred Warbler	*S. nisoria*
Lesser Whitethroat	*S. curruca*
Orphean Warbler	*S. hortensis*
Common Whitethroat	*S. communis*
Dartford Warbler	*S. undata*
Marmora's Warbler	*S. sarda*
Rüppell's Warbler	*S. rueppelli*
Subalpine Warbler	*S. cantillans*
Sardinian Warbler	*S. melanocephala*

Ruddy Shelduck *Tadorna ferruginea*
The status of this species on the *British List* was given careful consideration by BOURC (*Ibis* 145: 178-183) and they agreed to retain it in Category B on the basis of the 1892 influx. It was also agreed by BOURC that no post-1950 records could be confirmed as referring to definitely wild birds and that some of these were best placed in Category D. With the revision of the species categories, BOURC have now placed Ruddy Shelduck in both Category B and Category D of the *British List*. Meanwhile Ruddy Shelduck remains on Category B of the *Scottish List* as a result of Scottish records dating to the 1892 influx. SBRC are willing to consider giving dual Category B and D status to Ruddy Shelduck if we are made aware of any post-1950 records that meet the required standard for admission to Category D.

Willow Ptarmigan (Red Grouse)
Lagopus lagopus scoticus
The correct spelling of the scientific name of the Red Grouse is *L. l. scotica* (*Ibis* 146: 153-157).

Rock Ptarmigan *Lagopus mutus*
The correct spelling of the scientific name of the Rock Ptarmigan is *L. muta* (*Ibis* 146: 153-157).

Ascension Frigatebird *Fregata aquila*
Argyll Isle of Tiree, an immature female found exhausted in a moribund state, 9th July 1953 and died later the same day, was originally identified as a Magnificent Frigatebird *Fregata magnificens*. The record was recently reviewed by the British Birds Records Committee and the specimen held at National Museum of Scotland has now been identified as an Ascension Frigatebird. This becomes the first and only record for both Scotland and Britain. The species is monotypic. (*Ibis* 146: 192-195, *British Birds* 96: 58-73, 550).
Add to Category A.

Magnificent Frigatebird *Fregata magnificens*
Following the above-mentioned review, as there are no other records of Magnificent Frigatebird, the species is removed from the *Scottish List* (*Ibis* 146: 192-195).
Remove from Category A.

Snowy Egret *Egretta thula*
Argyll, Ayrshire, Clyde Islands and Dumfries & Galloway Balvicar, Seil Island Argyll, age uncertain, 5-25 November 2001, probably since 30 October (J M Dickson, W Jackson *et al.*). The same bird was at Ardrossan, Ayrshire 22-23 December 2001, Stevenson, Ayrshire 26 December 2001 - 9 January 2002, Isle of Arran, Clyde Islands 13 January-28 March 2002, Loch Fyne, Argyll 3 April 2002, Balvicar 4 April-3 May 2002, Ettrick Bay, Bute 15-18 May 2002, Seil Island about 7 June 2002 then after a gap, Tongland Bridge 19 August 2002, Caerlaverock 6 September 2002 and Lochar Water 7-17 September 2002 (last three localities all Dumfries & Galloway). (*British Birds* 95: 481-483, 96:551). In addition to being the first Scottish record it has been accepted by BOURC as the first British record. The race was undetermined though *brewsteri* presumed (*Ibis* 145: 178-183, 146: 192-195). The status code SV is applicable.
Add to Category A.

Snowy Egret, Loch Gair, Argyll. Photo: Jim Duncan

Montagu's Harrier *Circus pygargus*
At the time that status codes were given to species on the *Scottish List* (Scottish Birds 22: 33-49), this species was given the codes MB PV. There are only six or seven published records of breeding / attempted breeding in Scotland and the species' breeding status is therefore better described as CB.
The status codes should therefore be changed to CB PV.

Great Bustard *Otis tarda*
To quote Andrews and Naylor (2002) 'Pre-1526 Borders a few bred on the Merse in Berwickshire (Gray 1871)'. This is a somewhat similar situation to the 1416 breeding by White Stork on St. Gile's Cathedral, which has qualified that species to have the 'former breeder' status symbol 'FB'. Great Bustard already has the status symbol SV and 'FB' should therefore now be added.
The new status code is therefore FB SV.

Stilt Sandpiper *Micropalama himantopus*
Morphological, behavioural and molecular studies indicate that the Stilt Sandpiper is better placed as a member of the genus *Calidris*. Stilt Sandpiper becomes *Calidris himantopus* and is moved to follow Curlew Sandpiper (*Ibis* 146: 153-157).

Spotted Sandpiper *Actitis macularia*
The correct spelling of the scientific name of Spotted Sandpiper is *A. macularius* (*Ibis* 146: 153-157) .

Ruff *Philomachus pugnax*
At the time that status codes were given to species on the *Scottish List* (Scottish Birds 22: 33-49), this species was given the code PV. The species has however bred in Scotland on at least one occasion, when a clutch of four eggs hatched in Sutherland in 1980 (British Birds 75: 168; Thom, V. 1986. *Birds in Scotland.* T & A.D. Poyser, Calton.). The status code should therefore be CB PV.

Long-tailed Skua *Stercorarius longicaudus*
Long-tailed Skua should be treated as polytypic with two races *S. l. longicaudus* and *S. l. pallescens*. Most migrants are believed to be the nominate race and the status of *pallescens* requires to be reviewed (*Ibis* 146:153-157). The nominate race is therefore now shown on the *Scottish List*.

Great Skua *Catharacta skua*
Studies now indicate Great Skua should belong to the genus *Stercorarius* (*Ibis* 146: 153-157).

Whiskered Tern *Chlidonias hybridus*
Northeast Scotland Meikle Loch, adult, 27 – 29 June and 1-3 July 2001 (P S Crockett, K Gillon *et al*); same, Loch of Strathbeg, 30 June 2001 (M B Cowie, I J Kelman *et al*) (*British Birds* 95: 499). This is only the second Scottish record, with the first in 1894.
Move from Category B to Category A.

Black Guillemot *Cepphus grylle*
The subspecies breeding in Britain is now considered to be *C. g. arcticus* (*Ibis* 146: 153-157). This race should replace *C. g. grylle* on the *Scottish List*.

Oriental Turtle Dove *Streptopelia orientalis*
The bird seen at Stromness, Orkney during 2002 (see below) has been attributed to the race *S. o. meena*. The first Scottish record (Fair Isle 1974) belonged to the nominate race, and the November 2002 Highland bird was not seen sufficiently well to establish its racial identity (*British Birds* 96: 581-582). The western race *meena* is added to the *Scottish List*, with the status code SV.

Mourning Dove *Zenaida macroura*
To be shown as 'race undetermined' (Ibis 146: 192-195).

Snowy Owl *Nyctea scandiaca*
Studies now indicate that Snowy Owl should be included in the genus *Bubo* (*Ibis* 146: 153-157).

Blue-cheeked Bee-eater *Merops superciliosus*
Merops superciliosus is now split into three species. The species recorded in Britain retains the English name Blue-cheeked Bee-eater but has the scientific name *Merops persicus*. *M. persicus* is polytypic, the race having occurred in Britain being the nominate *persicus* (*Ibis* 146: 153-157) which is now shown on the *Scottish List*.

Tree Swallow *Tachycineta bicolor*
Shetland Burrafirth, Unst, 29 May 2002, photo (W Dickson) (*British Birds* 96: 583) The 2nd British record and first for Scotland. The status code SV is applicable.
Add to Category A.

House Martin *Delichon urbica*
The correct spelling is *D. urbicum* (*Ibis* 146: 153-157).

Ashy-headed Wagtail
Motacilla flava cinereocapilla
This race was included on the *Scottish List* (Scottish Birds 22:42) on the basis that there were a number of Scottish records e.g. Thom (1986) says 'there are a few sight records of birds showing the characteristics of *cinereocapilla*'. Bob McGowan, SBRC's Museum Consultant made available to the committee photographs of a series of skins, from which it was clear that as a result of variations in plumage and interbreeding of races, ideally it would require examination of a bird in the hand, failing which excellent filed notes, preferably backed-up by good photographs, to prove the race conclusively. SBRC undertook a review of Scottish records, but were only able to obtain written descriptions of three birds, none of which proved acceptable as the 1st Scottish record. As a result the race has been removed from the *Scottish List*. We would welcome submission of any other claimed records of this race.

Grey-headed Wagtail
Motacilla flava thunbergi
This race of Yellow Wagtail is recorded annually in Scotland and bred on Fair Isle during 1996 (1996 *Scottish Bird Report* : 51). The status codes should be CB PV.

Stonechat *Saxicola torquata*
The correct spelling of the species scientific name is *S. torquatus*. The correct spelling of the subspecies *maura* is *maurus*. (Ibis 146: 153-157).

Pied Wheatear *Oenanthe pleschanka*
The taxon breeding in Cyprus *cypriaca* has been elevated to species status with the English name Cyprus Pied Wheatear. Pied Wheatear now becomes monotypic. (Ibis 146: 153-157).

Black-eared Wheatear *Oenanthe hispanica*
There are now 4 Scottish records of this species assigned to the race *melanoleuca* (see *Scottish Birds* 23: 98 and below). Add *melanoleuca* to *Scottish List* with Status Code SV.

Ruppell's Warbler *Sylvia rueppelli*
Change spelling of English name to Rüppell's Warbler.

Red-breasted Flycatcher *Ficedula parva*
The taxon *albicilla* has been elevated to species status *F. albicilla* with the English name Taiga Flycatcher. *F. parva* now becomes monotypic. (*Ibis* 146: 153-157).

Isabelline Shrike *Lanius isabellinus*
The race breeding in Mongolia, Transbaikal and northern, previously called *L. i. speculigerus* should be called *L. i. isabellinus*. The race breeding in Tarim Basin, China previously called *L. i. isabellinus* should be called *L. i. arenarius* (*Ibis* 146: 153-157).
The male, on Fetlar, Shetland during September 2002 (see below) has been assigned to the nominate race *L. i. isabellinus*. A review of previously accepted records is now being undertaken by BBRC (*British Birds* 96: 600), but meanwhile Pennington *et al* (2004) indicate that the 1981 and 1987 records also refer to this race, whilst the 1960 and 1994 Fair Isle records are *phoenicuroides*. The species has until now been shown on the *Scottish List* as '*phoenicuroides* presumed'. The nominate race is now added to the *Scottish List* and *phoenicuroides* confirmed.

Long–tailed Shrike *Lanius schach*
Outer Hebrides Howmore, South Uist 3-4 November 2000 (probably present from 27 October) (A Stevenson *et al*). 1st winter, probably the migratory race erythronotus, but conflicting characters made racial identification uncertain. Accepted By BOURC as the 1st British record. (BOURC Press Release – 22 January 2004; Birding Scotland 4: 8-10). The status code SV is applicable.
Add to Category A.

Lesser Grey Shrike *Lanius minor*
The species should be treated as monotypic (Ibis 146: 153-157).

Corn Bunting *Miliaria calandra*
Studies now indicate that Corn Bunting should be placed in the Genus *Emberiza*. The species sequence is unchanged. (*Ibis* 146: 153-157).

Baltimore Oriole *Icterus galbula*
The *Scottish List* appearing in *Scottish Birds* 22: 33-49 tabulated that it was the nominate race which occurred in Scotland. In fact in 1996 BOURC split Northern Oriole *I. galbula* into three species (Ibis139:197-201) with what had previously been the nominate race becoming a monotypic species called Baltimore Oriole. As Baltimore Oriole is monotypic, no race should be shown in the subspecies column.

Update to records of species and subspecies recorded in Scotland on up to 20 occasions

A comprehensive list of all records of species and subspecies recorded in Scotland on up to 20 occasions was published on behalf of SBRC during 2002 (Andrews I J and Naylor K A, *Scottish Birds* 23: 61-116). What follows is the first of what we intend to be annual updates.

Lesser White-fronted Goose *Anser erythropus*
Outer Hebrides Berneray, North Uist, adult, 17 February 2002 (P R Boyer) (British Birds 96: 554). 13th Scottish record.

Red-breasted Goose *Branta ruficollis*
Argyll Loch Gruinart, Islay, adult 27 October to 10 November 2001 (A W Reid) (*British Birds* 95: 484) (Scottish Birds 23: 69) also 18 October 2002 to at least 9 April 2003 (T ap Rheinalt *et al*), presumed returning individual (*British Birds* 96: 555).
Perth & Kinross Findatie, adult, 15 February 2002 (I Munro, S Paterson, J Sykes *et al*), same Vane Farm, 14 and 29 March (J Fermer, S Paterson *et al*), same Gellybank 27-28 March, and in area until 27 April, photo; second individual Vane Farm, 7 April 2002 at least (A W Reid, K D Shaw *et al*) (*British Birds* 96: 555)
The Perth & Kinross birds are 13th and 14th Scottish records.

Lesser Scaup *Aythya affinis*
Highland Loch Insh, Inverness-shire, male, 29-30 March 2002, photo (C Davis, C Donald, M A Newell *et al*) (*British Birds* 96: 558).
Dumfries & Galloway Auchenreoch Loch, three first winter males, 20 – 24 December 2002, one or two, Auchenreoch and Milton Lochs, 28 December to 16 February 2003, two, 18 February to at least 20 April 2003 (S Cooper, G Stenning *et al*) (*British Birds* 96: 558).
15th and 16th Scottish records.

Black Scoter *Melanitta nigra americana*
Moray & Nairn Burghead Bay, male, 27 October-7 December 2001 (D M Pullan *et al*) (*British Birds* 96: 559).
4th record of the North American and east Siberian race.

Pied-billed Grebe *Podilymbus podiceps*
Caithness Harrow Harbour 6 May 2002, video. (J Corbett, S Laybourne, J Smith *et al*) (*British Birds* 96: 545).
9th Scottish record.

Black-browed Albatross *Thalassarche melanophris*
Outer Hebrides St Kilda, adult 12 June 2002 (M Gray, O Melander)
Lothian Tor Ness, adult, 13 October 2002 (M Griffin), presumably same as at Spurn, East Yorkshire on 22 September 2002 (*British Birds* 96: 545).
3rd and 4th Scottish records.

Soft-plumaged/ Madeira/ Cape Verde Petrel *Pterodroma mollis/madeira/feae*
Orkney North Ronaldsay, 21 September 2002 (M Ainscough, A Disley, J S Lees) (*British Birds* 96: 547).
2nd Scottish record.

Black Stork *Ciconia nigra*
Highland Spean Bridge, Inverness-shire, 18 May 2002, photo (R & S Bottomley) (*British Birds* 96: 553).
16th Scottish record.

Black Kite *Milvus migrans*
Highland near Rhifail, Strath Naver, Sutherland, 4 June 2002 (N Archer); probably same, Achentoul, 9 July to at least early August, photo (C H Crooke, R H Dennis, A F McNee *et al*) (*British Birds* 96: 560). 17th Scottish record.

Pallid Harrier *Circus macrourus*
Shetland Sumburgh, juvenile, 10 September 2002, same Brow Marsh, 10th – 14th, photo (P V Harvey, R Riddington et al) (*British Birds* 96: 560). 6th Scottish record.

Pacific Golden Plover *Pluvialis fulva*
Outer Hebrides North Boisdale, South Uist, adult, 14 October to 4 November 2001 (W A K Neill, B Rabbits, A Stevenson *et al*) (*British Birds* 95: 492, *Scottish Birds* 23:81), presumed returned, North Boisdale and Oduburgh 7-14 April 2002, presumed same, North Boisdale and Garrymonie area 13 October-10 November 2002, again 9 February to at least 5 April 2003 (A Stevenson *et al*) (*British Birds* 96: 567).
13th Scottish record.
Orkney North Ronaldsay, adult, 8-9 July 2002 (P A Brown, J S Lees *et al*) (*British Birds* 96: 567). 14th Scottish record.

Stilt Sandpiper *Calidris himantopus*
Shetland Norwick, Unst, juvenile, 5-7 November 2002, photo (M A Maher, M G Pennington, M I Smith *et al*) (*British Birds* 96: 569). 3rd Scottish record.

Marsh Sandpiper *Tringa stagnatilis*
Highland Dingwall Bay, Ross & Cromarty, first winter, 4-5 October 2000 (D P Butterfield, R Graham *et al*) (*British Birds* 96: 571). 9th Scottish record.

Greater Yellowlegs *Tringa melanoleuca*
Outer Hebrides St Kilda, 28 – 30 April and 8-9 May 2002 , photo (A Robinson) (*British Birds* 96: 571).
Argyll Loch Gruinart, Islay, 11-14 May 2002 (T ap Rheinallt *at al*) (*British Birds* 96: 571). 7th -8th Scottish records.

Herring Gull *Larus argentatus*
North American race *smithsonianus* (American Herring Gull)
Caithness Scrabster, first winter, 6-13 March 1999 (S Laybourn, N Money *et al*) (*British Birds* 96: 575).
2nd Scottish record.

Mediterranean race *michahellis* (Yellow-legged Gull)
Clyde Hogganfield Loch, East Glasgow, adult, 3 February 2002 (C J McInerny) 18th Scottish record.
Argyll Loch Gruinart, Islay, Argyll, adult, 1-7 September 2002 (T ap Rheinallt) 19th Scottish record.
The above records are accepted by SBRC as *michahellis*, with the proviso that *atlantis* has not been fully ruled out.

Caspian Tern *Sterna caspia*
Forth Skinflats, 9 July 2002, photo (G Owens *et al*) (*British Birds* 96: 580). 21st Scottish record. Removed from list of species recorded on twenty or fewer occasions.

Oriental Turtle Dove *Streptopelia orientalis*
Highland Portmahomack, Easter Ross, juvenile/first winter, 9 November 2002, photo (R F Hewitt), race undetermined (*British Birds* 96: 581).
Orkney Stromness, juvenile/first winter, *S. o. meena*
20 November-6 December 2002, photo (J Bishop, E R Meek *et al*) (*British Birds* 96: 581).
2nd and 3rd Scottish records.

Blyth's Pipit *Anthus godlewskii*
Fair Isle 13-23 October 1988, photo, (A J Livett, N J Riddiford, P G W Salaman *et al*) (*British Birds* 96: 584). This now becomes the first British and Scottish record. With the 1993 Fair Isle bird having previously been accepted, there are now two Scottish records.

Red-flanked Bluetail *Tarsiger cyanurus*
Shetland Helendale, Lerwick, female/first winter, 11-14 October 2002, photo (G F Bell, H R Harrop *et al*) British Birds 96: 587). 11th Scottish record.

Black-eared Wheatear *Oenanthe hispanica*
Fife -Isle of May, male 2-23 May 1980 (British Birds 79: 483). Previously unassigned, was first summer *melanoleuca* (British Birds 96: 589).
Outer Hebrides Howmore, South Uist, male 23 April 1990 (British Birds 84: 483).
Previously considered to be *hispanica* now considered unsafe to attribute to race (British Birds 96: 589).

Veery *Catharus fuscescens*
Orkney North Ronaldsay, 30 September – 5 October 2002, trapped 30th, photo (J S Lees *et al*), (British Birds 96: 591).
2nd Scottish record.

River Warbler *Locustella fluviatilis*
Fair Isle First-winter, 21-25 September 2002, trapped 21st, photo (A J Bull, R Caygal, R Kemp *et al*) (*British Birds* 96: 592). 16th Scottish record.

Savi's Warbler *Locustella luscinioides*
Shetland Hametoun, Foula, 28-29 May 2002 (S C Votier *et al*) (*British Birds* 96: 592). 8th Scottish record.

Eastern Olivaceous Warbler *Hippolais pallida*
Shetland Sandwick / Hoswick, adult *H. p. elaeica*, 18-28 August 2002, trapped 18th, photo (P M Ellis *et al*) (*British Birds* 96: 594). 4th Scottish record.

Sykes's Warbler *Hippolais rama*
Fair Isle Adult 29-31 August 1959, trapped 29th (J Bazey, R H Dennis *et al.*) (*British Birds* 53: 123-124 and 425), previously accepted as Booted Warbler *H. caligata*, from which this species has been split (*British Birds* 96: 594).
Fair Isle First-winter, 20-27 August 1977, trapped 20th, photo (R A Broad, M A Peacock, M P Sutherland *et al*) (*British Birds* 71: 520), previously accepted as Booted Warbler *H. caligata*, from which this species has been split (*British Birds* 96: 594).
These two records now become the 1st and 2nd Scottish records, pre-dating the 1993 Shetland record (2000 Scottish Bird Report: 5), the only other Scottish record.

Western/Eastern Bonelli's Warbler
Phylloscopus bonelli/orientalis
Shetland Foula, 2 October 2000, video (J M & T P Drew). As it was not heard calling, it is currently accepted as Western/Eastern Bonelli's Warbler, but as the video is of high quality it is possible that wing formulae details may allow it to be specifically assigned at some future date (*British Birds* 96: 600).

Isabelline Shrike *Lanius isabellinus*
Shetland Fetlar, male, *L. i. isabellinus*, 14-17 September 2002, photo (P Kelly, M Smith *et al*) (*British Birds* 96: 600). 14th Scottish record.

European Serin *Serinus serinus*
Shetland Scalloway, 17 November 1968 (*British Birds* 62: 487), now considered inadequately documented (*British Birds* 96: 602). As a result there are now only five accepted Scottish records.

Cirl Bunting *Emberiza cirlus*
Orkney North Ronaldsay, adult female, 13 August-20 October 2002 (A E Duncan, P Brown *et al*). Accepted by SBRC. 13th Scottish record.

Baltimore Oriole *Icterus galbula*
Shetland Unst, immature male, 26 September 1890, captured. Specimen now at Chelmsford Museum. Following a review this is accepted by BOURC as the first British record.
It was well documented at the time, but was dismissed as a likely escape from captivity. Subsequent records have revealed that the location, date and age all support natural vagrancy (*Ibis* 145: 178-183).
This now becomes the first of three Scottish records.

CATEGORY D

Chestnut Bunting *Emberiza rutila*
Fair Isle Female, 4-7 September 2002, trapped 5th, photo (A J Bull, M A Newell, D N Shaw *et al*) (*British Birds* 96: 606). 5th Scottish record.

As a result of the above changes there is now a new set of totals for the *Scottish List*

:	Category A	483
	Category B	8
	Category C	6
	TOTAL	497
	Category D	12

References
Andrews, I.J. & K.A. Naylor on behalf of the Scottish Birds Records Committee. 2002. Records of species and subspecies recorded in Scotland on up to 20 occasions. *Scottish Birds* 23: 61-116.
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Thom, V.M. 1986. *Birds in Scotland.* T & A D Poyser, Calton.

S.B.R.C. List 2004-2006

AMERICAN WIGEON†
Green-winged Teal
Ring-necked Duck
Surf Scoter (females only)
CORY'S SHEARWATER
GREAT SHEARWATER
Balearic Shearwater
BLACK-CROWNED NIGHT HERON
Little Egret
PURPLE HERON
White Stork
European Honey-buzzard*
ROUGH-LEGGED BUZZARD
Eurasian Hobby*
Common Crane*
STONE-CURLEW
Little (Ringed) Plover
KENTISH PLOVER
Pectoral Sandpiper*
BUFF-BREASTED SANDPIPER
Sabine's Gull
RING-BILLED GULL
HERRING GULL (yellow-legged race *MICHAHELLIS)*
European Bee-eater
LESSER SPOTTED WOODPECKER
GREATER SHORT-TOED LARK
WOOD LARK
Richard's Pipit*
TAWNY PIPIT
WATER PIPIT
COMMON NIGHTINGALE†
CETTI'S WARBLER
AQUATIC WARBLER
MARSH WARBLER†
Icterine Warbler*
MONTAGU'S HARRIER
MELODIOUS WARBLER
DARTFORD WARBLER
Barred Warbler*
Pallas's Leaf Warbler*
Firecrest
Red-breasted Flycatcher*
WOODCHAT SHRIKE
ROSY STARLING†
EUROPEAN SERIN
Common Rosefinch*
CIRL BUNTING
ORTOLAN BUNTING*
LITTLE BUNTING†

KEY

UPPER CASE (BLOCK CAPITALS): SBRC would prefer to receive all records.
Lower case: These should normally be dealt with locally if a local records committee exists, but should be submitted to SBRC if there is no local committee.

The Scottish Bird Report will only include records of the above species if they have been accepted by either SBRC or a local records committee. Assessment of a record can only take place by a committee, if a full written description is provided by the observer. This should be submitted by the observer to the Local Recorder.

* A dispensation has been granted to the Local Recorders in Shetland & Orkney that records of species marked with this symbol can be accepted *at their discretion* without full written descriptions. A similar dispensation has been granted to the Argyll Local Recorder in respect of Balearic Shearwater.

† A dispensation has been granted to the Local Recorders in Shetland & Orkney that records of species marked with this symbol can be adjudicated locally.

Changes to this list from that in 2003 are :-

- the elevation of Buff-breasted Sandpiper to upper case (block capitals)
- a dispensation being granted to Orkney and Shetland to accept at their discretion, records of Common Rosefinch without the need for a full written description

Records of the 'Caspian' race of Herring Gull *cachinnans*, are now being examined by BBRC, but it is understood this practice may soon end. It is our intention for this to become an upper case (block capitals) taxon on our list once it is no longer examined by BBRC.
All 'new' pre-1950 records of species appearing on the BBRC List, require to be accepted by SBRC. In addition to the above, all records of subspecies recorded in Scotland on twenty or fewer occasions, should be examined by either BBRC or SBRC.

List of subspecies recorded in Scotland on 20 or fewer occasions

Snow Goose (Greater)
Anser caerulescens atlanticus

***Brent Goose** (Black Brant)
Branta bernicla nigricans

***Black Scoter** (American)
Melanitta nigra americana

Red-necked Grebe (American)
Podiceps grisegena holboellii

Great Cormorant (Continental)
Phalacrocorax carbo sinensis

***Whimbrel** (Hudsonian)
Numenius phaeopus hudsonicus

***Herring Gull** (American)
Larus argentatus smithsonianus

Little Auk (Franz Josef Land)
Alle alle polaris

Barn Owl (Dark-breasted)
Tyto alba guttata

Yellow Wagtail (Sykes's)
Motacilla flava beema

***Yellow Wagtail** (Black-headed)
Motacilla flava feldegg

Yellow Wagtail (Eastern Blue-headed)
Motacilla flava simillima

***Common Nightingale** (Eastern)
Luscinia megarhynchos hafizi

***Common Redstart** (Ehrenberg's)
Phoenicurus phoenicurus samamisicus

***Arctic Redpoll** (Hornemann's)
Carduelis hornemanni hornemanni

Yellowhammer (Continental)
Emberiza citrinella citrinella

* Records of these subspecies are examined by BBRC. All others should be submitted to SBRC.

All potential new taxa for the Scottish List require to be accepted by either BBRC (and BOURC if new for Britain) or SBRC. The Secretary of SBRC can advise Local Recorders/ observers of the correct procedure for each particular taxon involved.

Committee Membership

The present voting members of SBRC are Roger Riddington (Chairman), Colin Crooke, Martin Gray, Dougie Dickson, Richard Schofield, Angus Murray and Chris McInerny. Ron Forrester is the non-voting Secretary and Bob McGowan is the Committee's Museum Consultant.

Ronald W Forrester, Secretary, Scottish Birds Records Committee
The Gables, Eastlands Road, Rothesay, Isle of Bute PA20 9JZ

Systematic List 2001

Mute Swan *Cygnus olor*

Winter/Spring: 99 Carsebreck **P&K**, 96 Lochend Loch **Clyde**, 90 Magdalene Hall **B**, 82 Loch of Scarmclate **Caith**, 81 Ythan Estuary **NE**, 79 Bingham's Pond **Clyde**, 71 Edenmouth **B**, 67 Loch Leodsaay, North Uist **OH**, 63 Oban **Arg** & 56 Yetholm Loch **B** in January; 63 Kirk Loch **D&G** & 50 Elcho Loch **P&K** in February; 58 Tyninghame **L** in April. 378 non-breeders in **Loth** census in mid-April.

Area	J	F	M	A	M	J	J	A	S	O	N	D
Loch of Harray **Ork**	597	-	-	-	-	-	693	-	-	475	575	597
Loch Bee **OH**	229	223	-	340	468	-	-	-	200	216	121	-
L.of Strathbeg **NE**	24	5	3	2	20	94	150	112	50	67	43	8
Montrose **A&D**	160	128	-	105	112	174	246	234	213	138	121	153
Loch Leven **P&K**	10	-	-	-	-	-	-	-	525	208	175	104
Eden Estuary **F**	42	40	32	34	84	91	79	62	21	36	6	17
Inverleith Pond **L**	95	91	94	88	65	46	50	59	51	53	62	76
Linlithgow Loch **L**	139	134	125	157	146	152	166	169	104	98	87	114
Musselburgh **L**	11	14	8	23	144	172	171	175	118	61	29	32
St.Margaret's L. **L**	75	64	71	63	46	48	33	39	50	60	67	67
Hogganfield **Clyde**	147	102	102	111	127	153	173	97	92	85	80	76
Lanark L. **Clyde**	170	138	-	-	-	78	56	-	48	92	105	93
Strathclyde L. **Clyde**	85	78	83	-	-	121	80	83	82	53	28	48
Doonfoot **Ayr**	90	77	38	63	89	-	146	149	68	62	70	101

Moult Flocks: 462 **Loth** in census 21/22 July. Record 525 Loch Leven **P&K**, 76 Loch Bhruist Berneray, North Uist **OH**, 65 Forfar Loch **A&D** & 57 Cramond **L** in July-August.

Winter: 107 Woodend Loch **Clyde**, 107 Earnmouth **P&K**, 84 Folly Loch **B**, 77 Tay Est **F**, 66 Bogside **Ayr** 63 Hoselaw Loch **B** & 63 Loch of Ayre **Ork** in September-October; 128 Cameron Reservoir **F**, 121 Castle Loch, Lochmaben **D&G**, 107 Forden Loch **P&K**, 76 Stormont Loch **P&K**, 72 Yetholm Loch, 65 Oban & 39 Whiting Bay, Arran **Clyde Is** in November-December

Breeding: **Shet** numbers have continue to increase with 5 attempts, the best since 1992 despite poor success; **M&N** above average success (mean = 3.75); **A&D** 12 pairs at Montrose Basin averaged 3-4 young; **P&K** only 10 pairs bred Loch Leven; **Bord** average success, with juveniles making up 24% of all aged birds in the autumn; **Arg** Mink study data shows widespread failure, fledging only 10 from 20 pairs, another 9 pairs are known to have nested elsewhere in Argyll but outcomes are unknown; **Clyde** production was below average (mean 2.9) with several incident of shooting & nest-robbing.

Area	Pairs	Nest	Broods	Young	MBS	MBP
Shet	5	5	2	11	5.50	2.20
Ork	>11	?	?	?	-	-
OHeb	20	19	17	93	5.47	-
M&N	16	13	12	54	4.50	3.38
NE	11	11	?	?	-	-
P&K	>10	?	?	?	-	-
Fife	24	21	20	114	5.70	-
Forth	>15	15	12	40	3.33	-
Loth	89	74	-	218	-	2.90
Bord	52	35	24	109	4.54	2.01
Arg (part)	20	?	4	10	2.50	0.50
Clyde Is	7	7	5	32	6.40	4.60
Clyde	69	69	46	164	3.57	2.50
Ayr	25	23	17	69	4.06	2.76
D&G	14	14	8	42	5.25	3.00

Mute Swan, Williestruther Loch, Borders

Tundra Swan (Bewick's Swan) *Cygnus columbianus*

3 Caerlaverock **D&G** 1 January with 6 there on 2 January and 9 near Cockpool **D&G** on 3 January; 1 Carseminnoch **D&G** 1 January; 1 Wigtown Bay **D&G** 2 & 21 January; 3 Craigend Farm **F** 27 January & Loch Leven **P&K** 10 February; 1 Cockpool 11 February; 1 Longside **NE** 5 March.
2 Loch Leven/Craigend from 25 October with maximum 5 there in December.

Whooper Swan *Cygnus cygnus*

Winter/Spring: 392 Cockpool **D&G**, 257 Caerlaverock **D&G**, 162 Grogarry, South Uist **OH**, 142 River Clyde at Thankerton **Clyde**, 135 Thwaite **D&G**, 122 Glencaple **D&G**, 117 Cambus **Forth**, 116 Palnure **D&G**, 112 Loch of Lintrathen **A&D**, 109 Meigle **P&K** with 50-99 birds Fallin **Forth**, Carsebreck **P&K**, Stillgarry, South Uist **OH**, Loch Leven **P&K** & Tiree **Arg** in January; 240 Ruthwell **D&G**, 182 Selvieland **Clyde**, 170 Crailing **B**, 122 Rora **NE** & 50-99 birds Kelton **D&G** & Monymusk **NE** in March; 200 Bornish, South Uist **OH** & 66 L.Bee, South Uist **OH** in April. Best counts elsewhere: 48 Loth, 41 Fife, 40 Caith & Ayr, 38 Ork, 16 Shet & 9 M&N. Juveniles formed 9% of aged birds in Forth & 10% in Bord in January-April, a drop from the 12-13% in autumn 2000.
Last Loth, M&N & Fair Is 13-25 April; P&K, Clyde, Ork & Bord 4-11 May; A&D& D&G 20-28 May.
Breeding: **Shet** pair Central Mainland, breeding since 1997, hatched 4 but fledged just 1 chick, pair West Mainland, present since 2000, hatched 3 but fledged just 1 young, only 1 bird at the North Mainland site, occupied since 1994, on empty nest; **OHeb** pair build nest but failed; **Clyde** pair summered Endrick Mouth but did not breed. Bizarrely a juvenile on Fair Is mated and nested with a domestic goose, the eggs laid thankfully proved to be infertile !
Summering totals: OHeb 17, Arg 8, Ork & Clyde 3, NE & D&G 2, P&K and Ayr 1.
Autumn/Winter: 6 Loch of Skaill **Ork** 9 September; D&G, Clyde, Clyde Is, NE & Arg 16-23 September; Loth & Caith 2-4 October; A&D, Bord, Forth, P&K, Fife & Shet 7-14 October.
Best counts of 170 Loch Heilan **Caith**, 165 Loch Gruinart, Islay **Arg**, 150 Loch Leven, 118 Mid Mains **M&N**, 114 The Laggan **Arg** & 50-99 birds at Thorthorwald **D&G**, Machrihanish **Arg** & Tiffyhall **Ork** in October; 503 Strathbeg **NE**, 300 St.Fergus **NE**, 242 The Meetings **Clyde**, 200 Ladysbridge **NE**, 180 Black Cart Water **Clyde**, 161 Grogarry, 155 **Shet**, 143 Crailing, 129 Kingskettle **F**, 111 East Lothian **L**, 105 Mid Fordun **P&K**, 103 Ravelaw **B** & 50-99 at Mill Dam, Shapinsay **Ork**, Hirsel Lake **B**, Westfield **M&N**, Eassie **A&D**, Sarradale **M&N** & Hule Moss **B** in November; 156 Wigtown Bay **D&G**, 153 Dalreoch **P&K**, 148 Thwaite, 129 Kelton, 108 L.of Lintrathen, 108 Tiree & 50-99 Glencaple, Palnure & 58 Oyce of Huip, Stronsay **Ork** in December. Maximum counts elsewhere: 41 Forth & 20 Ayr in November.
Juveniles formed 18% of aged birds in M&N, 17% in Shet, 22% & 12% in Bord.
There are hints that this species is now bypassing Shet in autumn, counts having fallen below 200 birds in every year since 1997 during the November census.

Bean Goose *Anser fabilis*

Taiga Bean Goose *A.f. fabilis*

Winter/Spring: The main wintering flocks at Slamannan had 182 Garbethill Moor **Clyde** 8 January, peaked at 182 East Fannyside **Clyde** 6 February. The last count before restrictions was 130 Blackhill **Clyde** on 19 February.
Elsewhere: 1 Head of Holland **Ork** in January; 4 Hule Moss **B**, 2 Lochlea **Ayr**, 2 Ludquharn **NE**, 2 Stillgarry, South Uist **OH** & 1 Ormiclate, South Uist **OH** in February; singles Stillgarry& Wester Logierait **P&K** in March; with 1 Fearn/L.Eye **H**, Nigg Bay **H**, Alness Bay **H** 1-13 April assumed to be the same.
Latest 1 Horraldshay **Ork** 9 April.
Autumn/Winter: Main flock: 20 Fannyside Muir **Clyde** 24 September but not many more until there was 79 Bean Farm **Forth** on 19 October and then 192 Blackhill 3 November.
Despite fluctuations there were still 192 on 30 December.
Elsewhere: 1 Brig of Waithe **Ork** 4 November; 1 L.of Tankerness **Ork** 18 December.

Taiga Bean Goose *A.f. fabilis*

1 Loch of Broadhouse **Ork** 16 December.

Pink-footed Goose *Anser brachyrhnychus*

Winter/Spring: Away from the main roosts the best early-year counts were: 8,392 Priestside **D&G**, 3,500 Burnside **D&G** & 3,000 Woggle **NE** in January; 5,000 Ravenstruther **Clyde**, 3,000 Bavelaw **B**, 2,200 Cameron Res. **F** & 2,000 Teviot Haughs **B** in February. Best counts elsewhere were Ork 120, Ayr 31, Shet & Arg 3 and OHeb 1.

Roosts	Jan	Feb	Mar	Apr	Sep	Oct	Nov	Dec
Moray **M&N**	2000	40	-	4200	-	13000	8500	7240
L.of Skene **NE**	2540	1400	-	-	-	1220	13550	2110
Strathbeg **NE**	9840	16274	10806	500	3250	21329	23730	12283
Montrose **A&D**	5490	6930	-	500	4600	38669	9600	10343
Strathallan **P&K**	8500	4580	-	5900	14500	-	6200	6880
L.Leven **P&K**	-	-	-	-	-	12000	8840	15000
Carse of Stirling	2800	5400	2000	1020	-	5000	2500	-
Aberlady **L**	4150	120	50	3	4920	13740	6620	4530
West Water **B**	2900	(5000)	1730	1070	9953	23270	10420	(6700)
Hule Moss **B**	48	-	-	-	5500	5515	3140	2400
Lochmaben **D&G**	2000	10,000	5,000	-	-	-	-	-

figures in brackets are feeding flocks associated with roosts

Grey Goose Counts		
Area	Oct	Nov
N&W Isles	106	385
N Scot	445	1085
NE Scot	76018	62069
E/C Scot	91442	39715
SE Scot	54170	20922
W Scot	406	0
SW Scot	840	2231
Total	223427	126407

Passage: 3,000 Thankerton **Clyde** 2 March; 1,000 Loch Heilan **Caith** 16 March; 3,000 Miltonhill 2 April; 800 Loch of Tankerness **Ork** 19-21 April; 1,000 Loch Scarmclate **Caith** 20 April; 300 Ben Dhail, Lewis **OH** 23 April; 21 St.Kilda **OH** 27 April. Last Ork, A&D, Bord. Fife & Forth 21-29 April; M&N, Clyde & P&K 1-5 May; Fair Is, Shet & Loth 15-23 May. Summering birds: NE 24; P&K 10; M&N & Shet 1.

Autumn/Winter: First 11 Vane Farm **P&K** 24 August; Arg & Loth 29-31 August; OHeb & Clyde 1-10 September; Ork, M&N, Forth, Bord & Fife 14-17 September; Shet & Fair Is 22-28 September.

Passage: 350 Reef, Lewis **OH** 16 September; 3,000 Meikle Loch **NE** 17 September with 30,000 there on 6 October; 5,250 Bankhead Pond **Clyde** 7 October; 17,500 Dupplin Loch **P&K** 14 October; 5,000 Skinflats **Forth** 27 October.

5,920 Lochof Lintrathen **A&D**, 6,500 Invergowrie Bay **A&D**, 5,000 Cormiston Towers **Clyde** & 2,000 Kincardine **F** in November; 6,700 Westraw Mains **Clyde**, 6,000 Cameron Reservoir, 3,500 Sherrifston **M&N** & 2,250 Teviot Haughs in December.

Greater White-fronted (White-fronted) Goose *Anser albifrons*

Greenland White-fronted Goose *A.a.flavirostris* (including un-raced birds)

Winter/Spring: **Ork** 105-110 wintered at The Loons to March, otherwise 4-5 birds at Stromness & Voy; **OHeb** 95-108 L.Bee, South Uist with 7 Stillgarry, South Uist in February; **Caith** 250 Loch of Mey & 250 Loch Heilan in January; **Arg** no coordinated count but 11,252 in full census on Islay 15-17 January, also 1,221 on Tiree & 1,160 Tayinloan 17-19 March; **Clyde Is** 201 Kilmory, Bute in January; **Clyde** 200 Endrick Mouth in January, 313 Croftamie in February; **D&G** 242-300 Loch Ken. Elsewhere 3 Lecropt **Forth** 11 February, otherwise 2 P&K, M&N, A&D, NE & Bord with singles Fife, Loth & Ayr. The main departure on Islay was late due to northerly winds but most left 21-23 April. Passage birds: 46 Loch Bee 12 April; 75NW Haarsal, South Uist **OH** & 41N Askenish, South Uist **OH** 20-21 April. Last Caith 15 April; Shet 7 May; M&N 14 May; OHeb 21 May.

Autumn/Winter: The first reached Arg 24 September; OHeb 3 October; D&G, Caith, Clyde Is & NE 11-18 October; M&N & Clyde 27-31 October. The arrival on Islay was delayed by adverse winds until the very end of October. 93S Carnish, North Uist **OH** 30 October was the only significant count away from Arg.

Ork 40-90 The Loons, 32 Oyce of Huip & 8 The Ward; **OHeb** 104-108 Loch Bee with 39 Kilpheder, South Uist in October & 5-7 Balranald, North Uist; **Arg** 15,395 birds during 8-14 November census improved a little 9-17 December to 16,078, well below the average for recent years and almost certainly points to poor breeding success. Juveniles formed a low 7% of 5,523 aged birds, well below the average for the 3rd year running with a MBS of 3.5; **Clyde Is** 103 Ballycaul, Bute in November; **Clyde** 250 Endrick Mouth in November & 293 Hillhead in December; **D&G** 150-265 Loch Ken with 268 West Freugh & 50 Threave in December.

Elsewhere 10 **Fair Is** & 3 Goosepools **F** 17-27 October; 15 St.Fergus **NE**, 9 Loch Spynie **M&N** & 5 Balgavies **A&D** 4-17 November. Wintering: 2 NE, P&K & M&N with single A&D.

European White-fronted Goose *A.a.albifrons*

Winter/Spring: 1 Loch of Strathbeg **NE** 13 January; 1 The Ouse, Shapinsay **Ork** 14 January; 1 Rattray **NE** 11 February and 14-22 Mar; juvenile Spiggie **Shet** 17 March-8 April.

Autumn/Winter: 1 **Fair Is** 27-28 September; 1 Loch of Strathbeg 18-25 November; 4 juveniles East Mainland **Ork** 5 November-2002.

Lesser White-fronted Goose *Anser erythropus*

Adult Berneray, North **Uist OH** 17 February. *While the BBRC had doubts about this bird, it has been accepted into the BBRC statistics. The first for the Outer Hebrides & 17th for Scotland. The reintroduction scheme in Sweden means that vagrancy will increase for this species.*

Greylag Goose *Anser albifrons*

Site	Jan	Feb	Mar	Apr	Oct	Nov	Dec
Spiggie **Shet**	285	-	306	210	1441	943	479
L.of Skene **NE**	1950	990	-	-	1260	2100	4360
L. of Strathbeg **NE**	817	515	155	-	30	1454	747
Strathallan **P&K**	660	330	-	13	120	455	512

Grey Goose Counts		
Area	Oct	Nov
N&W Isles	6810	23065
N Scot	4297	25202
NE Scot	1295	11249
E/C Scot	3906	18196
SE Scot	1126	3075
W Scot	506	1639
SW Scot	826	843
Total	18766	83269

Winter/Spring: 3,535 Tiree **Arg**, 2,500 Crailing **B**, 2,290 Loch of Harray **Ork**, 1,400 Lumley Den **A&D**, 1,210 Loch of Broadhouse **Ork**, 1,200 Clochan **M&N** & 1,114 Kilconquhar Loch **F** in January; 6,000 Invergowrie Bay **A&D**, 3,375 Uist **OH**, 1,623 Kelvin Valley **Clyde**, 1,226 Torreyburn **F**, 1,148 Annfield **F** & 1,010 St.John's Loch **Caith** in February; 1,700 Anstruther **F** & 1,200 Tarbolton **Ayr** in March; 1,820 Loch Ascog, Bute **Clyde Is**, 1,540 Kilconquhar Loch & 1,120 Eden Estuary **F** in April. Maxima elsewhere: Forth 845, D&G 770 & Loth 620 in January; 880 P&K in March.

Breeding: **Shet** bred in 9 areas, spreading to Hermaness, Sullom Voe & Weisdale; **Ork** breeds 7 areas with *c*.150 pairs, post-breeding flocks of 1,500 suggests closer to *c*.400 pairs; **OHeb** bred in 27 areas with 52br222 seen and another 250 adults; **M&N** birds at 3 sites; **NE** bred Loch Davan; **P&K** 150 pairs bred Loch Leven with 1 pair Loch Rannoch; **Loth** 8br31 bred at 4 sites; **Bord** present 7 sites but only single brood; **Arg** 122br464 Tiree, 19br55 Gunna, 3br19 Colonsay, 5br21 Oronsay, 4br15 Loch Gorm and *c*.30 pairs at 15 sites in the Mink study area; **Clyde** 11 pairs with 5br20; **Ayr** *c*.12 pairs at 5 sites with 3br16; **D&G** *c*.30 pairs bred 4 sites with 9br34 Lochinvar.

Summer: **Shet** 258 Unst (64% juveniles) & 192 Fleck; **Ork** 663 Loch of Tankerness; **OHeb** 100+ Loch Druidibeg, South Uist & 150 Loch Blashaval, North Uist; **Fife** 169 Kirkcaldy; **Loth** 505 Mid Calder & 130 Dunsapie Loch; **Arg** 268 Treshnish Is. & 368 at 3 sites Mull; **Clyde Is** 60-70 Loch Ascog, Bute; **Clyde** 278 Hogganfield Loch & 180 Millichen Flood; **D&G** 410 Caerlaverock & 270 White Loch.

Autumn/Winter: The main passage late October with2,000 Eday **Ork**, 2,000 Wyre **Ork**, 500 North Rona **OH** & 900 **Fair Is** 28-31 October. Best November counts 23,065 **Ork** census, 7,000 Findhorn Bay **M&N**, 5,300 Loch Spynie **M&N**, 3,964 **Arg** census, 2,000 Loch Davan **NE**, 1,800 Duffis **M&N**, 1,500 Loch Clunie **P&K**, 1,330 Lintrathen **A&D**, 1,224 **Shet** census, 1,138 Lawhill **P&K**, 1,050 Folly Loch **B** & 1,000 Rossie Bog **F** . Thne in December - 4,229 **Arg** census, 3,620 Clochan, 3,091 Loch of Harray **Ork** & 1,430 Dalreoch **P&K** in December. Best elsewhere: 700 Caith in October; 973 Loth in November; 1443 Clyde, 958 D&G, 800 Clyde Is, 429 Forth & 230 Ayr in December.

Snow Goose *Anser caerulescens*

Winter/Spring: 1 white-phase Loch of Strathbeg **NE** from 2000- 17 January; 1 white-phase adult at various sites on Islay **Arg** was presumed to be same birds as at Octomore, Islay on 4 April; 1 ad Strathclyde Park **Clyde** 12 January-9 March was considered a definite escape; 1 blue-phase Montrose Basin **A&D** 2 March.

Breeding: **Arg** no data on introduced birds on Mull & Coll but 22 adults Port na Luing, Coll 9 July, also

2 blue-phase, associating with Canadas, behaving as a pair Lurignich, Loch Linnhe 17 June & 20 July. Adult blue-phase Tiree 28 August.

Autumn/Winter: 1 blue-phase Rockside, Islay **Arg** 27 October then Loch Gruinart to end of year; 1 white-phase Dun's Dish **A&D** 28 October; 1 white-phase Strathbeg 28 October to 2002; 1 blue-phase Blarcreen **Arg** 4 November; 34 ferals in a full census on Coll 17 December.

Canada Goose *Branta canadensis*

Feral birds

Winter: Maximum counts in areas with established flocks include 172 Lochmaben **D&G**, 94 Loch Ken **D&G**, 75 Reivoch Farm **Clyde**, 68 Gart **Forth**, 50 Helensburgh **Clyde** & 27-37 Rossdhu Bay **Clyde**,Martnaham Loch **Ayr** & Duddingston Loch **L**. Probable wanderers were 18 Lindean Reservoir **B** & 8 Ythan Estuary **NE** as well as scattered 1-2s in M&N, NE, A&D & Fife.

Breeding: **P&K** pair bred Kercock, another failed in Glen Artney; **Forth** 5 sites with 2br11 seen Glen Finglas Reservoir; **Loth** *c.*10 pairs with 5br15 Duddingston; **Arg** 11 sites with 6 broods Colonsay & Oronsay and br5 Caol Scotnish; **Clyde** 6 pairs Loch Thom, 3 pairs with 1 nest Broadwood Loch & 2 pairs+br3 Bishop Loch; **Ayr** single broods seen Martnaham Loch, Barcraigs Reservoir & Trabboch Loch; **D&G** pair bred Loch Connell. *Loth & Ayr mention the recent upsurge in breeding numbers.*

Moult Migration: 7 Findhorn Bay **M&N** 20 May; 35 Broughty Ferry **A&D** 21 Tyninghame **L** on 27-29 May; 60 Glen Isla **A&D**, 33W Prestongrange **L**, 33 Eden Estuary **F**, 31 Aberlady **L**, 27E Garvald **B**, 19E Torry **NE**, 18 Loch of Strathbeg **NE** & 15 Easthaven **A&D** 2-7 June; 23N Tweedbank **B** on 11 June; 18N Fife Ness **F** & 15N St.Abbs Head **B** 18-20 June.

Several singles in Shet & Ork over this period may have been overshooting the Moray Firth.

Return: 22 Ythan **NE** during August; 102 St.Abbs, 88 Tyninghame & 33 Thornton **F** on 26 August-3 September. 30S Machrihanish **Arg** 6 September could possibly also have been moult migrants.

Autumn/Winter: Flocks - 140 Rossdhu, 130 Endrick Mouth **Clyde**, 99 Glen Finglas Reservoir and 61 Loch of Craigluish **P&K** in July; 309 Milton Is.**Clyde**, 115 Castle Loch **D&G** & 54 Holyrood Park **L** during August; 345 Caerlaverock **D&G**, 135 Loch Coulter **Forth**, 130 Lecropt **Forth**, 98 Harperleas Reservoir **F**, 80 White Loch **D&G**, 69 Vane Farm **P&K**, 67 Oronsay & 50 Earn Mouth **P&K** in September; 154 Hogganfield Loch **Clyde**, 89 Ballo Reservoir **F** & 62 Kercock **P&K** in October; 182 Loch Monzieviard **P&K**, 152 Stormont Loch **P&K**, 142 Loch Ken **D&G** & 100 Gart in November; 207 Revoch in December.

Hybrids: **NE** mated bird (with Greylag) on Ythan, reared 7 young; **Bord** 7 hybrid young (with Greylag) from several years ago still at Lumsdaine, fortunately they appear to be sterile !; **D&G** 5 hybrids Loch Ken all year with 1-2 Castle Loch in August & September.

Possible wild birds

Winter/Spring: Several *parvipes* and *hutchinsii*-types Islay **Arg** January-April; 1 *taverneri*-type **Fair Is** 24-25 May; 1 medium-sized St.Kilda **OH** 23 June-9 September.

Autumn/Winter: 1 *parvipes*-type Drem **L** 13 October; 2 large-types North Rona **OH** 31 October; several *parvipes* and *hutchinsii*-types Islay **Arg** from October-December; 1 *hutchinsii*-type Vane Farm, Loch Leven **P&K** 12 December; 1 *minima*-type Oronsay **Arg** 23 December.

Barnacle Goose *Branta leucopsis*

Svalbard flock:

Max counts	Jan	Feb	Mar	Apr	May	Sep	Oct	Nov	Dec
Caerlaverock	6393	9750	11350	6660	4780	2920	11422	11643	12214
Mersehead	7500	5500	9200	6500	5500	2000	6200	5710	3800

17,975 in Solway **D&G** January census with 22,290 there in Febuary. Other large **D&G** counts include 3,600 Kingholm Quay & 2,000 Kirkconnell Merse in January; 2,780 Greenmerse & 2,000 Flats of Cargen in February; 1,000 Manxman's Lake in March; 2,000 Glencaple in April. Last 1 at Caerlaverock on 5 May.

Birds thought to derived from Svalbard wintering elsewhere in E&S Scotland include 18-47 at Loch of Strathbeg **NE**, 22 Montrose Basin **A&D**, 9 Strathallan **P&K**, 6-7 Vane Farm **P&K** & 4-8 West Linton **B** with 1-3 birds M&N, P&K, Fife, Forth & Loth. Isolated records include: 30 Ythan **NE** & 8 Miltonhill **M&N** in January; 41W Belhaven **L**, 18 South Medwin **Clyde** & 4W Gullane Point **L** 11-12 February.

As usual there was little sign of the northbound passage with just 21 Buddon **A&D** 4 April; 28N Fife Ness **F** 26 April; 60N Fife Ness 13 May; 129N Ruddon's Point **F** 17 May; 21N Rattray **NE** 21 May. The last M&N & Forth 2-15 April; P&K 19 May; A&D 6 June. 3 Strathbeg & 2 Fife further into June. The first 3 returned to Caerlaverock on 21 August but few were seen elsewhere until 2 Buddon 2 September & 15 Craigurd House **B** 8 September. First arrivals Loth, NE, Fife & Bord 21-23 September; M&N, P&K, Is of May & Forth 28-30 September.

Movements were much further to the north than usual with large numbers producing record counts in NE and M&N. 80 Eyemouth **B** & 42 Fife Ness 23 September; 960 Findhorn Bay **M&N**, 732 Strathlene **M&N**, 676 Lossiemouth **M&N**, 500 Torness **L** , 450 Loch Spynie **M&N**, 400 Speymouth **M&N**, 400W Buckhaven **F** & 190 Arbroath **A&D** 29-30 September; 700 Fife Ness, 300S Peebles **B** & 300 Castle Loch, Lochmaben **D&G** & 190 Boddin **A&D** 1-3 October. Judging from the timing of the two migratory populations, the following counts from the N. Isles probably involved Svalbard birds, the large numbers further west occurring two weeks later: 410 Scatness **Shet**, 320 **Fair Is** & 139 North Ronaldsay **Ork** 28-30 September; 438 St.Peters Pool **Ork**, 120 Graemeshall **Ork** & 100 Spiggie **Shet** 1-5 October. 40E Dumbarton Rock **Clyde** 26 September could have been from either Barnacle population, although the Svalbard dates fit better.

Peaks of 7,900 Loch of Strathbeg & 110 Vane Farm **P&K** 29-30 September; 1,900 Aberlady Bay **L**, 900 Eden Estuary **F**, 700 Tyninghame **L** & 210 Skinflats **Forth** 3-7 October; 136 West Water Reservoir **B**, 107 Slains **NE** & 50 Montrose Basin **A&D** 10-13 October. 200W at St.Abbs Head **B** on 24 November was late for direct passage, the birdsmay have staged elsewhere.

There was no coordinated Solway count in the late year but good counts away from the main roosts in **D&G** include 2,500 Auchencairn Bay & 1,500 Kingholm Quay. There were also max December counts of 387 at Strathbeg, 45 Eden Estuary, 25 Montrose Basin, 13 Aberlady Bay & 8 Carsebreck **P&K** with smaller numbers elsewhere.

Greenland flocks: 35,472 were counted in the 15-17 January census on Islay **Arg** with 1,162 on Tiree **Arg** on 11-12 January. Other area counts include 500-600 Walls **Ork**, 500 Shillay, Harris **OH** & 300 Killegray, Harris **OH**; 1,957 in the Uist census **OH** in February; 373 Oronsay **Arg** in March.

Passage: 2,100 through **OHeb** in April-May, with maxima of 250 Berneray, North Uist on 19 April; 600N Carnish North Uist 23 April; 500NW Haarsal, South Uist 25 April; 42E St.Kilda 27 April; 400+ Boreray North Uist 4 May. Last OHeb 20 May.

1 summered Loch Gruinart, Islay **Arg** while 18 were counted in the 22-25 August Greylag census on the Uists ceretainly too early for return migrants, suggesting that feral or injured birds were involved.

The first returned to Islay on 8 September; Ork & OHeb 27 September; & Caith 4 October, but the main return was delayed by adverse winds into mid-October with the first Tiree not until 19 October. Best totals were 50S Carnan, South Uist **OH** & 42S Balivanich, Benbecula **OH** 27-28 September; 350SE Loch Eynort, South Uist **OH** & 250S Snishival, South Uist **OH** 14 October; 115 SE Loch Road, Lewis **OH** & 100S St.Kilda 27-30 October.

There were 34,735 in the Argyll census 8-14 November with 33,248 on Islay, 1,103 on Tiree & 297 mid-Argyll. This rose to 37,403 in 9-17 December census with 34,829 on Islay, 1,782 Tiree, 600 Coll, 120 Oronsay & 72 mid-Argyll. Other counts include 1,000 Berneray & Kirkabost, North Uist **OH**, 900 Walls & 400 Vallay North Uist **OH** in November/December.

A sample of 10,000 on Islay revealed 7.1% juveniles, well below average with MBS of 2.1.

Feral birds: 3 Monkton Loch **Ayr** in January; 3 St.Margaret's Loch **L** in February; 2 Kercock **P&K** in May; and singles P&K (7), Loth (2) & Bord throughout the year.

Brent Goose *Branta bernicla*

Pale-bellied Brent Goose *B.b.hrota (also un-raced) Assuming N.Isles birds are from Svalbard.*

Svalbard birds

Area	J	F	M	A	M	J	J	A	S	O	N	D
N Isles	2	1	8	5	-	-	-	-	10	1	1	-
NE Scot	9	15	-	3	2	-	-	-	33	90	1	18
E/C Scot	7	31	-	1	18	-	-	7	12	40	3	1
SE Scot	7	-	-	-	-	-	-	-	86	62	1	1

Wintering birds include: 5-15 Eden Estuary **F**, 9 Nairn **M&N** and single Largo Bay **F** with 7 Tyninghame **L** in January; 13 St.Andrews **F** in February; 7 Bay of Skaill **Ork** in March with many scattered small parties of 1-2 birds. The only signs of passage were 18E Anstruther **F** on 18 May and a few singles at that time in NE, Ork & Shet. Last birds Shet, NE & Ork during 14-22 April.

Autumn/Winter: The first 7 passed Westhaven **A&D** on 30 August, followed by the first in M&N, Ork & Fife 5-7 September and Bord & Loth 13-14 September. The best counts were 12 Ythan Estuary **NE** 8 September; 52 St.Abbs Head **B** 13 September; 28 Musselburgh **L**, 20 Tyninghame & 14 Hopeman **M&N** 23-29 September; 110 Boddin **A&D**, 16 Cramond **L** on 3 October; 6 Brora **H** on 1-7 October; 20 Findhorn Bay **M&N** 10 October with 34W there 12 October. In winter there were 4-13 birds Nairn & Culbin Bars **M&N** but just singles Ythan, Waughton **L** & Montrose Basin **A&D**.

Greenland birds

Winter/Spring: 22-25 wintered Loch Ryan **D&G**, 17 Loch Indaal, Islay **Arg**, with 2 Maidens **Ayr** and a single Bogside **Ayr**.

Area	J	F	M	A	M	J	J	A	S	O	N	D
OHeb	-	-	-	56	275	3	-	-	705	291	-	-
Arg	17	17	17	18	380	-	-	10	422	1225	15	15
SW Scot	28	28	28	28	2	-	-	-	41	17	28	31

On passage 315 moved through the Uists **OH** 12 April-13 May with maxima of 69 South Ford, South Uist 2 May, 30 Loch Paible, North Uist, 25 Traigh Mhor, Benbecula & 22 St.Kilda **OH** 2-8 May. Also 314 Tiree **Arg** & 36 Loch Indaal 2-3 May. Last 2 Stockay, Monach Is. **OH** 8 June & 1 North Rona **OH** 18-24 June.

Autumn/Winter: An early 10 birds passed Machrihanish **Arg** on 19 August. Otherwise the first OHeb, Ayr and D&G were on 2-13 September. Some good numbers were seen with 365S Grimnish Point, North Uist **OH** 6 September; 154S (1hr) Frenchmen's Rocks, Islay **Arg**, 113S Rubha Ardvule, South Uist **OH**, 72 Machrihanish & 15 Corsewall Point **D&G** 13-14 September; 143 Loch Gruinart, 31 Rubha Chraiginis, Tiree **Arg** & 4 Lunderston Bay **Clyde** 28-30 September; 590 Loch Gruinart, 575S Tiree, 160 Machrihanish, 120 Traigh Ear, North Uist **OH** & 13 Cleat, Arran **Clyde Is** 2-10 October. 44 Kyle of Tongue **H**, 28 Loch Ryan, 15 Loch Indaal, 1-2 Maidens & Caerlaverock into December.

Dark-bellied Brent Goose *B.b.bernicla*

Winter/Spring: 2 Findhorn Bay **M&N** 14 January; and singles Veniekelday **Ork** 29 January; Aberlady **L** & Musselburgh **L** 6 February; Belhaven **L** 25 Febuary; Loch of Tankerness **Ork** 8 March;Aberlady 8-11 April; Bea Loch, Sanday **Ork** 9 April; South Ford, South Uist **OH** 14 April; Aird an Runair, North Uist **OH** 3 May.

Autumn/Winter: 21 Aberlady 28 September with 5 there until 14 October; 3 Outhead **F** during November; 2 Black Rocks shore **L** 13 December.

Red-breasted Goose *Branta ruficollis*

Red-breasted Goose, Loch Leven P&K
Photo: Jim Duncan

Winter/Spring: 1 Loch Leven **P&K** & Powmill **F** 21-27 January; 1 Montrose**A&D** on 29 March-8 April; 1 Caerlaverock **D&G** 15-17 April; 1 Redhill **M&N** 17-18 April & Roseisle **M&N** 19 April. *The first for Moray & Nairn, Angus & Dundee and Fife. Possibly just a single bird involved, as no dates overlap, but just probably 2 birds.*

Autumn/Winter: 1 Loch Gruinart, Islay **Arg** 27 October, moved to Lorm Gorm 4 November, returned to Loch Gruinart from 10 November into 2002. *The best-ever year with 13th-17th Scottish records. However considering that the 2nd-13th records have all occurred since 1991, there has been a remarkable upsurge of records or a change in attitudes towards this species - or both!*

1 Vane Farm, Loch Leven **P&K** in September was very tame and almost certainly an escape.

Common Shelduck (Shelduck) *Tadorna tadorna*

Winter/Spring: 907 Montrose Basin **A&D**, 590 Forth Estuary **Forth**, 243 Ardmore Bay **Clyde**, 128 South Ford, South Uist **OH**, and 105 Glen Isle **D&G** with between January & March.

Site	J	F	M	A	M	J	J	A	S	O	N	D
Nairn/Culbin	76	97	-	-	-	-	24	-	-	0	-	66
Findhorn **M&N**	23	53	-	61	76	74	-	35	8	0	-	0
Strathbeg **NE**	6	27	17	35	54	66	15	11	7	0	0	1
Ythan Est **NE**	74	128	131	117	151	155	85	45	9	3	4	35
Eden Est. **F**	81	174	0	7	0	0	3	0	203	241	203	94
Blackness **L**	-	14	-	-	-	-	-	100	102	100	34	7
Aberlady **L**	136	133	86	75	60	38	51	8	146	179	165	181
Tyninghame **L**	48	118	-	-	-	30	35	-	51	1	14	40
L.Gruinart **Arg**	-	30	-	-	6	27	0	7	9	0	38	68
L.Indaal **Arg**	42	47	38	59	61	36	0	10	0	3	12	42
Clyde Est. **Clyde**	383	375	246	-	-	376	438	-	38	45	198	218

Area	Sites	Pairs	Broods	MBS
Shet	8	6	>2br12	6.00
Ork	15	43	?	?
OHeb	16	51	28br159	5.68
M&N	3	-	5br21	4.20
Fife	8	>>19	6br47	7.82
Loth	4	>>11	11br73	6.67
Arg	12	>52	>2br21	-
Clyde Is	4	3	4br28	7.00
Clyde	2	17	17br122	7.17
Ayr	10	12	6br31	5.20
D&G	3	10	4br34	7.85

Breeding: **Shet** broods seen Boddam, Papa Stour & Oxna; **M&N** a creche with 2 adults & 36 young Findhorn Bay, later reduced to 28, was probably the total production for Bay; **NE** bred in 4 areas; **A&D** 37 young seen Montrose and br4 Lendrick Marsh; **P&K** 2 broods Carsebreck & 1 brood Kercock and 'many burrows' on St.Serf's Is., Loch Leven; **Is of May** 4 pairs but just 1 brood fledged; **Fife** creche of 68 juveniles Eden Estuary; **Forth** 1 juv Lathallan; **Loth** 35 young Tyninghame but 22 young Aberlady where fledging success was low; **Bord** present 7 inland sites but just 1 young seen; **Arg** 16 broods seen, 25 pairs Colonsay had 5 broods & Tiree 3 broods; **Clyde** 14 pairs bred on the Clyde Estuary and reared *c.*100 young also 6 pairs present Auchendores & Leperstone Reservoir & 3 pairs reared 22 young Endrick Mouth.
First broods seen Ayr 2 June; Clyde 8 June; A&D and Fife 17-19 June.
Moult assemblies: Solway Firth counts include 1,050 Torduff Point **D&G** & 430 Browhouse **D&G** in June, 240 Glencaple **D&G** in August & 3,060 Caerlaverock **D&G** in October. Firth of Forth counts include 2,920 Kinneil **Forth** in August and 1,919 Forth Estuary & 1,020 Torryburn **F** in September. Clyde counts include 438 Longhaugh Point **Clyde** in August.
230 New Abbey **D&G**, 215 Wigtown Bay **D&G** & 41 Loch Leven in Nov; 505 Powfoot **D&G** in December.

Mandarin Duck (Mandarin) *Aix galericulata*

Winter/Spring: The F&MD restrictions made counts of this species few and far between, but apart from 1m+4f Eye Water at Houndwood **B** in January, winter/spring counts involved only 1-2 birds at Cardross Bay **Clyde**, Monikie Park **A&D**, Gunknowe Loch **B**, Rockcliffe **D&G** and Scone **P&K**.
Breeding: **P&K** max 5 (2 pairs +1m) Luncarty area to September; **Arg** 1 f incubating in box Loch Eck but no reports from Bord due to access restrictions.
Autumn/Winter: 4 Gladhouse Reservoir **L** 11 Septmber but otherwise July to September singles Marywell **NE**, Lochore Meadows **F** and Vane Farm **P&K**. Then 3 at Plantain Loch **D&G** & 3 Dornoch Point, Loch Eck **Arg** with singles Loch Awe **Arg**, Caerlaverock **D&G** and Vane Farm **P&K** during Ocober-December.

Eurasian Wigeon (Wigeon) *Anas penelope*

Winter/Spring: With no counts from the huge populations that winter on the Highland firths, Orkney was the stand-out area with a massive count of 9,476 on the Loch of Harray in January, possibly the largest single count anywhere in recent years. Dwarfed but still big counts were: 1,400 Loch Spynie **M&N**, 1,350 Loch Ascog, Bute, **Clyde Is**, 1,207 Forth Estuary **Forth**, 1,103 Eden Estuary **F**, 955 Loch of Broadhouse **Ork**, 930 Carsebreck **P&K**, 923 Loch Ken **D&G**, 631 Oyce, Shapinsay **Ork** & 625 Loch of Tankerness **Ork**. The maximum counts elsewhere were: 420 Shet, 323 Arg, 280 Bord & 262 OHeb.

Breeding: **Shet** present 2 sites with br3 Sae Water; **Ork** *c.*11 pairs at 7 areas; **OHeb** 3 pairs at 1 site Lewis, 2 sites North Uist, 4 pairs at 3 sites with 3br9 Benbecula, 5 pairs at 2 sites with 2br7 South Uist; **A&D** br7 Auchintaple Loch ; **P&K** present 6 sites with broods Lochan Uine & Craig Odhar; **Bord** young Clearburn Loch in July; **Arg** 8 pairs Loch Gruinart & 2br9 Loch Tulla; **Clyde Is** br5 on Loch Fad, Bute & 1 pair Loch Quieb, Bute; **D&G** 3 pairs at 2 sites.

Site	Jan	Feb	Mar	Sep	Oct	Nov	Dec
L.of Harray **Ork**	9476	-	-	-	1999	1261	3091
L.of Stenness **Ork**	483	858	-	-	150	990	2595
Widewall **Ork**	1150	1100	-	-	344	1050	1160
Nairn/Culbin **M&N**	542	490	-	-	52	-	1032
Findhorn **M&N**	920	470	1900	270	1380	-	546
Lossie Est. **M&N**	2106	900	335	250	750	771	2246
L.of Strathbeg **NE**	310	197	615	141	197	702	551
Ythan Est. **NE**	450	450	-	287	323	550	709
L.Leven **P&K**	310	-	-	240	620	715	-
Tay Est. **F/A&D**	231	212	-	67	6	284	186
Tyninghame **L**	1082	804	-	190	428	795	486
Clyde Est. **Clyde**	710	825	-	334	833	728	854
Bogside **Ayr**	870	-	220	115	500	800	1000

Autumn/Winter: First passage birds through Fair Is 20 August; Shet,Ork, Fife & Bord 25-29 August; Loth & M&N 8 September. 1,100 Carsebreck, 1, 095 Forth Estuary **Forth** & 625 Loch of Skaill **Ork** in October; 4,381 Montrose Basin **A&D**, 1,618 Wigtown Bay **D&G**, 1,356 Loch Ryan **D&G**, 957 Glen Isle **D&G**, 900 Rossie Bog **F**, 715 Loch Leven **P&K** & 681 Lochmaben **D&G** in November; 1,600 Loch Ascog, 1,505 Loch of Broadhouse & 1,230 Eden Estuary in December. The best elsewhere were Arg 448, Shet 441, OHeb 322 & Bord 290.

American Wigeon *Anas americana*

Winter/Spring: 3 males at both Loch of Gards & Loch of Hillwell **Shet** (the remnants of the flock of 10 in autumn 2000) and single males Loch of Spiggie **Shet**, Loch an t-Saile, South Uist **OH**, Loch Crinan **Arg**, Lossie Estuary **M&N** & St.Peter's Pool **Ork** were first seen in autumn 2000 and most remained until March and April with the Spiggie birds lingering until 7 May. 1m Loch Flemington **M&N/H** 5-30 March; 1f Loch of Strathbeg **NE** 8-25 March; and a pair Loch na Reivil, Hougharry, North Uist **OH** 3-7 May. Some may well have been these wintering birds or others from further south migrating northwards in spring.

Autumn/Winter: 1m returned Loch of Hillwell from 8 September into 2002; 1m returned St.Peter's Pool on 2 October-12 December; 1m Loch a'Phuill, Tiree **Arg** 3-9 October; 1m returned Loch Crinan 5 October; 1m returned Scatness **Shet** 24 October and stayed into 2002; 1m Loch Oire **M&N** 27 October also lingered into 2002; 1m Aikerness, Sands of Evie **Ork** 14 November; 1m returned Lossie Estuary 19 November and was still there on 30 December

[2000] - 1m Irvine **Ayr** 21-30 January.

Gadwall *Anas strepera*

Winter/Spring: January-March maxima of 17 Loch Leven **P&K**, 15 Kilconquhar Loch **F** & 14 Baron's Haugh **Clyde**, with 4 birds Bogside **Ayr**, Winchburgh Quarry **L** ,Voe **Ork** and Garnock floods **Ayr**. 5 Loch Gruinart, Islay **Arg**, 5 Cambus **Forth** & 2 St.John's Loch **Caith** in March-May were probably migrants.

Site	J	F	M	A	M	J	J	A	S	O	N	D
N.Ronaldsay **Ork**	7	+	11	+	16	+	+	+	+	14	14	+
Kinnordy **A&D**	2	-	2	9	10	27	25	20	22	10	4	3
Forfar L. **A&D**	-	-	7	3	6	15	3	-	6	4	-	3

Breeding: *Definite signs of population increase and expansion.* **Shet** 9 pairs at 6 sites but perhaps all passage birds; **Ork** br5 from 2 pairs at Graemeshall Loch & pair at Start Point, Sanday; **OHeb** 2 pairs South Uist, 1 pair North Uist and 3br13 Benbecula was a welcome increase in numbers; **NE** present at 4 sites with br3 Ythan Estuary, the first breeding for NE Scot; **A&D** a single brood Kinnordy in May with 5 broods in June & 7 broods in July; **P&K** 50-80 pairs bred Loch Leven with 7 pairs at another site in May; **Fife** present at 4 sites with young at Gaddon Loch; **Bord** br4 Folly Loch, a new site; **Arg** pair Loch Gruinart, Islay but no breeding suspected; **Clyde** 20 adults + 4br30 Baron's Haugh.

Autumn/Winter: All Scottish sites are dwarved by the 320 present at Loch Leven in summer but elsewhere there were 15 Loch of Strathbeg **NE** & 14 Lendrick Marsh **A&D** during July-August & 43 Baron's Haugh in Septmber. Then there was a rapid drop into November-December as birds move off south but still 48 Torlum Pond **P&K**, 19 Loch Leven, 14 Strathclyde Loch **Clyde**, 10 Loch of Stenness **Ork** & 7 Hamilton Low Parks **Clyde**.

Eurasian Teal (Teal) *Anas crecca*

WeBS	J	F	M	S	O	N	D
Loch Spynie **M&N**	10	235	-	-	215	647	424
Spynie Canal **M&N**	632	454	-	-	-	728	-
Loch Leven **P&K**	940	-	-	3100	4100	2200	-
Loch of Strathbeg **NE**	643	252	158	520	760	256	620
Loch Gruinart, Islay **Arg**	-	843	-	90	20	1569	1320
Clyde Estuary **Clyde**	474	459	-	113	373	385	1170
Mersehead **D&G**	590	1050	320	520	4390	1870	1450

Winter/Spring: 1,838 Forth Estuary **Forth**, 855 Eden Estuary **F**, 600 Bógside **Ayr**, 460 Baron's Haugh **Clyde**, 363 Loch of Hundland **Ork**, 360 Findhorn Bay **M&N**, 330 Stantling Craig **B**, 313 Grogarry-Smerclate, North Uist **OH** & 300 Broomhill **D&G**. 200-299 bird at Gart **Forth**, Carlingwark Loch **D&G**, Kilconquhar Loch **F**, Gladhouse Reservoir **L**, Carsebreck **P&K**, Tiree **Arg**, Loch of Mey **Caith** & Garnock floods **Ayr** in January/February

Breeding: **Shet** 12 broods with 4 on southern Unst with 6 on Fetlar; **Ork** 5 pairs Loch of Banks; **OHeb** 18 pairs at 13 sites with 5br13; **Bord** present at 10 sites with 2br5 seen Bemersyde & Cademuir Pond; **Arg** 22 pairs Loch Gruinart, Islay & 10 pairs Ardnave Loch , Islay with first-ever brood Moine Mhor; **Clyde** reported 11 sites but no confirmed breeding; **D&G** 4 pairs bred Mersehead with br12 seen, noted 3 other sites. 1-2 broods were also seen in M&N, A&D, P&K, Loth & Ayr.

First broods: Arg 1 June; Bord 19 June; P&K 27 June; M&N 6 July.

Autumn/Winter: A huge record count of 5,830 at Loch Leven **P&K** in September once gain eclipses anything anywhere else in the country. Nevertheless there were other significant September-October maximia with 1,086 Forth Estuary, 884 Mill Dam, Shapinsay **Ork**, 842 Dun's Dish **A&D** , 750 Caerlaverock **D&G**, 675 Loch of Lintrathen **A&D**, 632 Fannyside Loch **Clyde**, 500 Hule Moss **B**, 479 Threave **D&G**, 450 South Medwin **Clyde**, 400 Loch Bee, South Uist **OH** with 200-399 Bavelaw **L** , 250 Cogbrae **P&K**, Applegarthtown **D&G** & 200 Valleyfield **F**. There was a considerable drop-off in numbers into November-December with peaks of 805 Carsebreck, 600 Rossie Bog **F**, 700 Longhaugh Point **Clyde**, 600 Bogside, 450 Port Allen **P&K**, 433 Loch of Lintrathen and 200-399 birds at Wigtown Bay **D&G**, Gart,Lochmaben **D&G**, Loch of Isbister **Ork**, Loch of Skaill **Ork**, 210 Oyce, Shapinsay **Ork**, 278 Loch of Banks **Ork**, Blairbowie **Ayr**, Loch Don, Mull **Arg** &Long Long **A&D**.

Green-winged Teal *Anas americana*

Winter/Spring: Singles from 2000 Loch of Strathbeg **NE** & Scatness **Shet**, to 7 January & 2 May respectively. Further singles Seamill **Ayr** 1-5 January; Findhorn Bay **M&N** 14 January; Loch Sandary, North Uist **OH** 7-19 January; Loch Scarmclate **Caith** 21-30 January; St.John's Pool **Caith** 26 January-4 March; Warwickdale Flash **Ayr** 23 February-21 April. 2 Bogside **Ayr** 2 March with singlesthere to 20 March probably included some of the other Ayr birds. 1 Carpingstone Flash **Ayr** 17-27 March; 1 Loch Bee, South Uist **OH** 17-25 April; 1 Kingston **M&N** 9-28 April; 1 Loch Leven **P&K** 9-18 May.

Autumn/Winter: 1 Baron's Haugh **Clyde** 24 October & 6-16 December is through to be the same individual. 1 Caerlaverock **D&G** 4 November & 15 December; 1 Loch Spynie **M&N** 10 November-8 December; 1 Bruichladdich, Islay **Arg** 18 November-2002; 1 Loch Gruinart, Islay **Arg** 25 November-2002; 1 returned St.John's Pool 1-27 December.

11-13 in the early year (with 3 from 2000) but just 6 in the autumn/winter. The first year without a new arrival on Shetland since 1997. 2nd-4th records for Moray & Nairn; 6th-8th for Ayrshire; 31st-32nd for Outer Hebrides. A drop from 2000 when there were 16-18 in winter/spring & c.10 in winter.

American Black Duck (Black Duck) *Anas rubripes*

1f Loch a'Phuill, Tiree **Arg** 15 June. *First record for Argyll and only the 6th for Scotland.*

Mallard *Anas platyrhynchos*

Site	J	F	M	S	O	N	D
Mill Dam **Ork**	151	-	-	-	799	540	362
Loch of Strathbeg **NE**	410	293	23-	177	178	343	282
Loch Leven **P&K**	469	-	-	1100	1530	1300	840
Clyde Estuary **Clyde**	754	448	-	668	978	725	681
Mersehead **D&G**	130	280	150	240	270	190	140

Winter/Spring: 1,330 Carsebreck **P&K** ; 530 Nairn/Culbin Bars **M&N**, 528 Kilconquhar Loch **F**, 527 Loch Spynie **M&N**, 475 LochKen **D&G**, 457 Montrose Basin **A&D**, 450 Loch Calder **Caith**, 425 North Forth coast **F** & 400 Forth Estuary **Forth** as well as 250-399 birds at

Baron's Haugh **Clyde**, Tay Estuary **F/A&D**, Caerlaverock **D&G**, River Tay at Perth **P&K**, Loch Earn **P&K**, Grogarry-Smerclate, South Uist **OH**, Gartmorn **Forth**, Stantling Craig Resevoir **B**, Loch of Stenness **Ork**, Loch Clunie **P&K**, Gladhouse Reservoir **L**, Mersehead **D&G** & 271 Forfar Loch. Maximum counts elsewhere - 129 Ayr, 77 Shet & 15 Fair Is.

Breeding: **Fair Is** 2br12 seen but low success; **OHeb** 20 broods noted, mostly on North Uist & Benbecula; **A&D** 20 broods Loch of Kinnordy; **Fife** bred 37 sites; **Loth** broods seen at 15 sites; **Bord** bred 44 sites but low success; **Arg** 47 pairs Loch Gruinart, Islay, 5 pairs Sanda Is with young, bred at 20 other sites; **Clyde** normal season with MBS 4.8, long-term mean 4.9; **D&G** 57 pairs Mersehead raised 200+ young also 16 broods Carlingwark Loch.

First broods seen Clyde 20 April; Clyde Is 26 April; Bord 2 May; Ayr & Caith 13-14 May.

Area	Broods	Young	MBS 1999	MBS 2000	MBS 2001
OHeb	13	61	10.2	6.00	4.61
Caith	5	23	-	-	4.60
M&N	37	237	5.69	5.40	6.40
Forth	22	148	-	-	6.70
Loth	26	149	-	6.90	5.73
Bord	75	332	3.07	5.27	4.43
Clyde Is	6	36	-	-	6.00
Clyde	125	656	-	4.20	4.80
Ayr	26	165	7.80	5.76	6.35
D&G	61	231	-	-	3.80

Autumn/Winter: Summer moult flocks include 513 Hirsel Lake **B**, 446 Loch Spynie & 444 Castle Loch, Lochmaben **D&G** in July. Best August-October counts were 1,590 Loch Leven, 536 Loch of Lintrathen **A&D**, 445 Forth Estuary & 400 Cathpair Pond **B** with 250-399 birds at Tay Estuary, Torryburn **F**, Loch Clunie & Mersehead **D&G**. In winter the best totals were 970 Carsebreck, 637 Loch of Stenness, 451 Findhorn Bay **M&N**, with 250-399 birdsat River Tay, Kilconquhar Loch & Loch Spynie. Maximum area counts elsewhere: 230 Ayr, 200 Arg, 130 OHeb & 12 Fair Is.

Mallard x Eider m hybrid was noted Musselburgh **L** in June & September; possible f Mallard x Black Duck was seen Musselburgh in January & June.

Northern Pintail *Anas acuta*

Winter/Spring: It is the Solway area that holds the bulk of this species in winter with 900 Lochmaben **D&G**, 680 Kirkcudbright Bay **D&G**, 430 Glencaple **D&G**, 72 Loch Ken **D&G** &70 Kirkconnell Merse **D&G** during January-March. Counts elsewhere - 86 Skinflats **Forth**, 79 Montrose **A&D**, 51 Kinneil **Forth**, 22 Loch Indaal, Islay **Arg**, 22 Loch of Strathbeg **NE**, 20 North Bay **Clyde**, 19 Culbin Bar **M&N** & 10 Rossie Bog **F** . The best elsewhere was 8 P&K, 3 Caith & Loth, 2 Ork &1 OHeb.

Breeding: **Ork** 4 pairs Mainland & 13 on the northern isles; **OHeb** 2 pairs on North Uist, one with br8. Pairs summered Loch Leven & Loch of Strathbeg and despite pairs lingering into April/May in M&N, P&K, A&D and Arg, there was no hint of breeding in any of these areas.

Autumn/Winter: First Ayr 17 August; Forth, Fair Is & Loth 24-29 August; Fife, Bord & Arg 6-13 September. Once again the Solway dominated with 1,300 Nith mouth **D&G**, 900 Lochmaben & 600 Kenneth Bank **D&G** in September-October and 6,700 Caerlaverock, 300 Blackshaw Bank **D&G** & 80 Powfoot **D&G** in November-December. The remainder of Scotland could only muster 2-figure totals: 57 Kinneil, 28 Musselburgh **L** & 25 Loch Leven in Sepember-October and 79 Montrose Basin, 57 Loch Leven, 52 Skinflats 46 Eden Estuary **F**, 30 Strathbeg, 23 North Bay & 22 Stronsay **Ork** . Maximum elsewhere: 20 Clyde, 19 Loth, 8 M&N, 7 Caith, 3 OHeb, 2 Bord and 2 singles Ayr.

Garganey *Anas querquedula*

Spring: First **Fair Is** 30 March was a little earlier than ususal. The next was 4mm Lendrick Marsh **A&D** on 16 April, then Ork, NE, Clyde & OHeb 4-6 May; P&K, D&G, Fife and Arg 9-10 May; Loth & M&N 13-16 May.

Area	1-31 Mar	1-15 Apr	16-30 Apr	1-15 May	16-31 May	1-31 Jun	1-31 Jul	1-31 Aug	1-30 Sep	Total birds	2000
N Isles	1	-	-	9	3	3	-	-	-	10	22
OHeb	-	-	-	3	-	-	-	-	-	3	4
N Scot	-	-	-	-	-	-	-	-	-	-	4
NE Scot	-	-	-	6	7	-	-	-	-	11	11
E/C Scot	-	-	4	3	5	-	-	-	-	11	5
SE Scot	-	-	-	2	1	1	-	-	1	5	1
W Scot	-	-	-	3	1	-	-	-	-	2	19
SW Scot	-	-	-	2	3	-	-	-	-	4	5
Total	**1**	**0**	**4**	**28**	**20**	**4**	**0**	**0**	**1**	**46**	**73**

The only other good count of the period was 4 Loch of Strathbeg **NE** in May.

A few lingered into June with 3mm Brodgar **Ork** 15 May-27 June and 1f Musselburgh **L** 24-29 June.

Autumn: The only autumn report was a single f at Bavelaw **L** 15 September.

Northern Shoveler (Shoveler) *Anas clypeata*

Winter/Spring: As usual few were around in the early year with best counts of 49 in the Montrose Basin **A&D**, 41 Tiree **Arg** & 21 Powfoot **D&G**. The best counts eslewhere were 4-5 birds in OHeb & Fife and 1-3 M&N, Ayr, Forth, Loth & Bord. Few records from the spring, perhaps a victim of F&MD?

Site	J	F	M	A	M	J	J	A	S	O	N	D
N.Ronaldsay **Ork**	20	12	12	9	9	3	4	5	10	20	6	-
Strathbeg **NE**	11	4	7	10	4	17	11	44	53	10	6	15
L.Leven **P&K**	16	-	-	-	-	-	-	122	400	326	106	-
Tiree **Arg**	41	26	15	-	4	6	0	1	6	12	6	35
L.Gruinart **Arg**	12	35	-	-	24	1	0	0	0	30	73	81
Mersehead **D&G**	6	6	8	14	5	11	8	3	4	10	42	66

Breeding: This is a rare breeder in Scotland with less less than 80 pairs seen and fewer than 20 broods reported in 2001.

Area	Sites	Pairs	Broods
Ork	6	6	br2
OHeb	14	19	4br19
M&N	1	1	0
NE	1	1	br5
A&D	2	4	4br?
P&K	4	6	2br14
Fife	5	10	3br?
Forth	2	3	0
Loth	2	2	0
Bord	2	3	0
Arg	2	15	?
Clyde Is	1	1	br3
Clyde	3	5	0
D&G	2	4	br3

Shoveler, Loch Leven Perth & Kinross

Ork br2 Loch of Banks; **OHeb** 4br19 on 4 sites North Uist & Benbecula; **NE** br5 on Loch of Strathbeg; **A&D** 3 broods Kinnordy & 1 brood Lendrick Marsh; **P&K** br8 Carsebreck & br6 Cogbrae; **Fife** br7 Loch Gelly & 2 broods on Newton Farm Pond; **Arg** 12 pairs Loch Gruinart & 3 pairs The Reef, Tiree; **Clyde Is** br3 Kirk Dam, Bute; **D&G** 3 pairs Mersehead with br4, 1 brood Wigtown Bay. First young seen Clyde Is 10 June.

Autumn/Winter: Loch Leven holds the lion's share of Scottish bird with 400 there in September. Elsewhere 58 Threave **D&G**, 48 Montrose, 40 Baron's Haugh **Clyde**, 34 Hule Moss **B**, 30 Montrose & 21 Dun's Dish **A&D** in August-September. Numbers drop into the winter with the best November-December totals of 59 Caerlaverock **D&G**, 28 The Loons **Ork**, 27 Wigtown Bay, 23 Loch Bee, South Uist **OH**, 23 Loch Gelly, 23 Folly Loch **B** & 20 South Ronaldsay **Ork**. The best elsewhere: 19 P&K, 16 Ayr, 7 Forth, 5 M&N & Loth, 2 Fair Is.

Red-crested Pochard *Netta rufina*

2mm were at Linlithgow Loch **L** from 2000 to 18 February, then 1m there to 31 December. 1m Loch Leven **P&K** 2-3 January, presumably returnding there 9-17 October; 1m Lochore Meadows **F** 6-16 November; 1f Aird Meadow **Clyde** 2-21 October and Loch Libo **Clyde** on 2 November & 17 December may have been a hybrid,crossed with a Mallard.

Most of these birds are assumed to be potential escapes.

Red-crested Pochard, Linlithgow Loch, Lothian Photo: Jim Duncan

Common Pochard *Aythya ferina*

Site	J	F	M	A	M	J	J	A	S	O	N	D
L. of Broadhouse **Ork**	266	280	-	-	-	-	-	-	-	822	543	393
Loch Spynie **M&N**	21	8	-	3	-	-	2	-	1	2	5	27
Forfar Loch **A&D**	60	33	32	14	18	18	13	31	46	47	93	162
Loch Leven **P&K**	330	1800	-	-	-	-	-	144	198	415	317	-
Hogganfield **Clyde**	9	24	12	0	0	2	66	76	10	1	3	9
Linlithgow Loch **L**	75	68		-	-	-	-	-	20	16	90	96

Winter/Spring: The 1,800 at Loch Leven **P&K** in February was the best count there since 1970-71. Otherwise - 262 Kilconquhar Loch **F**, 260 Milton Loch **D&G**, 218 Strathclyde Loch **Clyde**, 188 Loch of Kirkabister **Ork**, 180 Hamilton Low Park **Clyde**, 173 Loch of Harray **Ork**, 163 Lochore Meadows **F**, 160 Loch Ken **D&G**, 143 Loch of Saintear, Westray **Ork**, 134 Echnaloch **Ork**, 106 Baron's Haugh **Clyde**, 102 Inchmoan, Loch Lomond **Clyde** with 20-99 birds at St.John's P. **Caith**, Whitrig Pond **B**, 34 Loch Ard **Forth**, 33 Lake of Menteith **Forth**, 23 Carsebreck **P&K**, Graemeshall **Ork**, Monikie **A&D**, Balgavies **A&D** &Trabboch Loch **Ayr**. Maxima elsewhere: 9 Arg & 2 OHeb.
Breeding: Another rare breeder with less than 30 pairs present with very few breeding with any success. **Ork** 3 pairs; **A&D** 7 pairs; **P&K** 4 pairs bred Loch Leven, 3 successfully, present 2 other sites; **Fife** pair+5mm Loch Gelly but no breeding; **Bord** 3 sites; **Clyde Is** 2 pairs Kirk Dam, Bute with br3.
Autumn/Winter: The best moult counts were 590 Loch Gelly, 168 Kilconquhar Loch & 43 Loch of Strathbeg **NE** in August. Away from the main resorts (see table) the October-December numbers were pretty poor with 350 Ballo Res. **F**, 347 Lochore Meadows, 180 St.John's Pool, 138 Milton Loch, 117 Loch of Harray, 115 Roughriggs Reservoir **Clyde** & 109 Loch of Tankerness **Ork** with 50-99 birds at Strathclyde Loch, Loch Achmore **OH**, Loch of Lintrathen **A&D**, Lake of Menteith **Forth** & Gartmorn Loch **Forth**.

Ring-necked Duck *Aythya collaris*

Winter/Spring: 1 m Lochore Meadows **F** 2 January-8 February; 1f Carlingwark Loch **D&G** 11 February was possibly the same as 1f at Milton Loch **D&G** 12 February-6 March; 1m Loch of Tingwall **Shet** 1-4 May; 1 f Loch of Brow **Shet** 4 May; 1m Loch of Hillwell **Shet** 26-27 May.
Autumn/Winter: Imm m Loch a'Phuill, Tiree **Arg** 3-18 October; 1f Milton Loch returned but did not linger 16 October; 1st-w f Loch of Spiggie **Shet** 28 October; 1f Loch of Tingwall 29 October moved to Loch of Asta until 6 November when joined by 1st-w m n 3-6 November; 1m Lochore Meadows 4 November- 9 December; 1m Milton Loch 21 November.
3rd-4th for Fife;8th record for Arg;13th-19th records for Shet.

Tufted Duck *Aythya fuligula*

Site	J	F	M	A	M	J	J	A	S	O	N	D
Stenness **Ork**	339	348	-	-	-	-	-	-	-	-	340	852
L.Leven **P&K**	735	-	-	-	-	-	-	2100	3650	1980	1084	-
Linlithgow L. **L**	363	456	-	135	-	-	-	60	86	204	282	447
St.Margaret's **L**	206	35	186	-	-	-	-	-	22	21	22	186
Hogganfield **Clyde**	94	249	69	73	16	61	280	335	160	113	51	42
Woodend L. **Clyde**	32	70	-	-	11	50	115	125	16	165	14	25

Area	Sites	Pairs	Broods	MBS
Ork	7	23	-	-
OHeb	12	25	16br69	4.31
M&N	2	17	-	4.90
P&K	6	>441	7br31	4.43
Fife	12	>20	8br48	6.00
Loth	9	>10	7br32	4.57
Bord	21	105	17br69	4.06
Clyde	18	?	28br104	4.50
Ayr	6	>9	4br28	7.00
D&G	4	6	2br6	3.00

Winter/Spring: 1,048 Strathclyde Loch **Clyde** in January. Other big counts included 538 Kilconquhar Loch **F**, 400 Carlingwark Loch **D&G**, 359 Lochore Meadows **F** , 261 Smerclate, South Uist **OH** & 250 St.John's Pool **Caith** with Carsebreck **P&K**, Birnie/Gaddon Loch **F**, Baron's Haugh **Clyde**, Loch of Strathbeg **NE**, Loch of Harray **Ork**, 169 Gartmorn **Forth**, Perth harbour **P&K** & 161 Hightae Loch **D&G** holding 150-249 birds. The best elsewhere was M&N 135, Arg 84, Bord 73, Shet 69 & Ayr 64.
Breeding: **P&K** 400-600 pairs Loch Leven & 31 pairs Dunalistair; **Fife** 3br17 Kilconquhar Loch; **Bord** recent fall in breeding success continues, well below the 10-year mean of 4.60; **Clyde** average season with MBS of 4.50 matching long-term mean. First brood Bord 20 June.

Autumn/Winter: A massive 3,650 Loch Leven in September far outstripped all other sites with 300 Castle Semple Loch **Clyde**, 296 Lochwinnoch **Clyde**, 261 Forfar Loch **A&D** with Kilconquhar & Martnaham Lochs **Ayr** holding 150-249 birds in September-October. There were few very large counts in winter with only 440 Angle Park **F**, 254 Loch of Skene **NE** & 250 St.John's Pool having in excess of 250 birds & Rescobie **A&D**, Carsebreck, Gartmorn & 212 Baron's Haugh **Clyde** exceeding 150 birds.Max elsewhere: D&G 128, M&N 126, Arg 96, Shet 69 Shet, Bord 67.

Greater Scaup (Scaup) *Aythya marila*

Site	J	F	M	O	N	D
Harray **Ork**	0	-	-	214	57	453
Stenness **Ork**	210	46	-	-	269	513
Largo Bay **F**	200	80	30	-	-	56
L.Indaal, Islay **Arg**	1200	705	43	350	800	1070
Auchenharvie **Ayr**	60	121	130	15	54	115
Ayr-Prestwick **Ayr**	179	91	42	10	28	165

Winter/Spring: A western species in winter in Scotland, the Solway is the main area for this species away from Islay with winter records of 631 Loch Ryan **D&G**, 360 Mersehead **D&G**, 340 Rough Firth **D&G**, 340 Newbie **D&G**, 131 Carsethorn **D&G** & 120 Powfoot **D&G**. Other good west coast totals include 56 Dumbarton **Clyde** & 65 West Ferry **Clyde**. Only the Eden Estuary **F** with 240 in January had a 3-figure count with scattered smaller flocks such as 48 Montrose Basin **A&D** & 24 Dalgety Bay **F**. The maxima elsewhere are really low with only NE 10, M&N 5, P&K, Forth, Loth & OHeb 3, Shet 2 & Bord nil.

Breeding: Certainly not an annual breeder, there were **Ork** 2 June singles; **OHeb** 1m displayed to f Tufted Duck on South Uist in May but was not seen later; **NE** 3 summered Loch of Strathbeg.

Autumn/Winter: 235 passed Machrihanish **Arg** on 19 dates, the best daily total of 26 on 24 October. The Solway flock grew rapidly this winter with 1,000 off the River Nith **D&G** in September, before peaking at 2,300 at Carsethorn in November with subsiduary counts of 766 Loch Ryan, 275 Dumroof Bank **D&G** & 157 Caerlaverock **D&G** October-December. Elsewhere, way from the main resort in the table, the best that could be mustered were 22 Musselburgh **L** in Sepember & 64 Nairn Bar **M&N** & 62 Montrose in December. Best elsewhere were Caith 26, NE & Clyde 19, Shet 11, Forth 10, P&K 8, OHeb 3 & Bord 2. Hybrid with Tufted Duck West Ferry in April.

Lesser Scaup *Aythya affinis*

1f St.John's Pool **Caith** 23 June.

Common Eider *Somateria mollissima*

Site	J	F	M	A	M	J	J	A	S	O	N	D
Ythan Est. **NE**	1238	1076	1041	1875	2585	2243	2449	1494	3295	1435	927	945
North Forth **F**	2906	2658	-	-	-	-	-	-	-	2695	-	2862
South Forth **L**	2947	2760	-	-	-	-	-	-	4079	1532	2020	1639
Clyde Est **Clyde**	2380	1462	-	-	-	-	-	-	3901	3725	1684	2152

Winter/Spring: Other large January-March counts include 9,500 Tayport **F**, 2,730 Montrose Basin **A&D**, 2,482 Gullane-English border **L/B**, 1,010 Findhorn/Burghead **M&N** &1,000 Broughty Ferry **A&D** with 500-999 birds also seen Largo Bay **F** & Bressay Sound **Shet**.

Breeding: **Shet** 95 pairs with 48 young Foula, better success than usual around Mainland with MBS 1.95, good success Out Skerries as predation seemed low; **Ork** 45 nests Holm of Grimbister & Houton plus 55 broods around the islands; **OHeb** 110 young & 15 nests Monach Is., 9 broods & 1 nest North Rona, 30 pairs St.Kilda but just 2 fledged, 45 young in 6 areas North Uist with 37 young at 1 site South Uist; **M&N** 8 broods with MBS 2.4 was just below 1990-2001 mean of 2.5; **NE** 143 young fledged on Ythan Estuary from an estimated 1,341 pairs, broods also seen Loch of Strathbeg; **A&D** 340 young Montrose Basin with no adults present; **Fife** 71 young Seafield in July; **Is of May** 947 pairs with 871 nests, up 6% on 2000 with a 86% hatching rate; **Forth Islands** 253 nests Inchmickery, 51 Inchgarvie & 56 Fidra; **Loth** 190 young Cramond with 75 young in 4 other areas; **Arg** 721 breeding ff in Mink study area, 521 of them on Burnt Islands, 9 broods Treshnish Is, 34 pairs Sanda, 19br48 Colonsay with MBS 2.67 a little lower than in 2000; **Clyde Is** 32 young Arran & 12 adults with 40 young Millport, Cumbrae; **Clyde** 43 pairs Renfrewshire with 100 young, 103 pairs Dunbartonshire with 83 young with 90 nests Faslane Naval Base; **Ayr** 40br206, MBS 5.02 at 10 sites, also 145 independent juveniles.

First broods Arg 19 May; Is of May 20 May; Ayr, Clyde & Shet 27-30 May; Clyde Is & OHeb 8-9 June.

Autumn/Winter: The best July-September counts were 7,000 Ayr/Barassie **Ayr**, 5,388 **Shet** census, 1,400 Turnberry/Girvan **Ayr**, 1,349 Wyre Sound **Ork**, 1,240 Ardmore Point **Clyde** with 500-999 birds at Seafield **F** & 740 Mains of Usan **A&D**. Best Arg 450, OHeb 380 & Caith 350.
A massive 15,692 were censused in the Clyde Estuary **Clyde/Clyde Is** in September.
During October-December there were 8,000 at the Tay Estuary **A&D**, 5,000 Tayport, 2,424 Otter Ferry **Arg** & 1,031 Loch Ryan with 500-999 at Bressay Sound with Irvine **Ayr** .
Inland: 1f Castle Semple Loch **Clyde** 25 September.

King Eider *Somateria spectabilis*

Fewer than in recent years with no new birds. 2nd-w m Linga, Bluemull Sound **Shet** on 13 January-23 May and 2nd-w m Fora Ness, Dales Voe **Shet** 27 January-16 April were the same birds as at Sullom Voe & Lerwick respectively in 2000; 1f Kingston/Tugnet **M&N** 11-22 April was the returning bird from Spey Bay in 2000; 1f returned Ythan Estuary **NE** 18 April; 1f Aberlady **L** 1-14 May &15 June-23 July and then Methil **F** 5-8 August & 5 December was returning for its 7th year.

Long-tailed Duck *Clangula hyemalis*

WeBS	J	F	S	O	N	D
Nairn Bar **M&N**	1166	57	-	-	-	282
Culbin Bar **M&N**	800	626	-	-	-	466
Findhorn **M&N**	1500	320	-	-	853	2391
Burghead **M&N**	168	33	-	-	88	109
South Forth **L**	164	158	11	19	77	183

Winter/Spring: 920 Goosepools **F** & 400 Kinshaldy **F** in January & 117 Ruddon's Point **F** in May was the only other mainland area with high numbers.
However there has been a major change at Leven **F** with the cessation of sewage outflows, where figures of 3,000 some 5 years ago collapsed to a maximum of just 157 in April.
Away from these mainland sites there are large numbers are in the N&W Isles. In **Shet** there were pareties of 222 South Yell Sound, 201 Bressay Sound, 169 Bluemull & 134 Virkie/Quendale, mostly January-March. The peak timing was late in **Ork** with 600 Quanterness, 534 No.2 Barrier, 490 Wide Firth, 350 St.Mary's Bay, 205 Eynhallow, 164 Echnaloch Bay & 160 No.1 Barrier **Ork** in March-May. In OHeb the flocks were scattered throughout the January-May period with 302 Drimsdale , South Uist, 200 Sound of Harris & 145 Balivanich, Benbecula. Max elsewhere: A&D 95, NE 35, Arg & High 18, with 1-3 birds Ayr, D&G, Clyde, Clyde Is, Forth & Bord.
Last reports - Ayr 28 April; A&D, Arg & OHeb 6-8 May; Loth 15 May; Ork 3 June.
Summering: 47 Burghead Bay **M&N** in July; pair Ayr in June; 5 singles Shet with single birds St.Kilda **OH**, Loch of Strathbeg **NE** & Kilconquhar Loch **F.**
Autumn/Winter: First Fife 8 August; A&D 2 September; Loth & Arg 15-16 September; OHeb, Fair Is, Shet & Ork 23-30 September. 101 passed Sumburgh Head **Shet** in 90 mins on 19 October with there 245 in 90 mins on 21 October.
984 Wyre Sounds **Ork** in October; 236 Drimsdale, 111 South Yell Sound, 111 Loch of Stenness **Ork** in November; 480 Eden Estuary, 351 Gulberwick-Kirkabister **Shet**, 230 Bluemull & 146 South Havra/ Hildasay **Shet** in December. Maxima elsewhere: 50 NE, 30 A&D, 5 Arg, 4 D&G and 1-2 birds Ayr.
Usual scatter of 'freshwater birds' seen at Loch na Ramh, Lewis **OH**, Loch a'Phuill, Tiree **Arg**, Loch Flemington **M&N**, Rescobie Loch **A&D**, Loch of Lintrathen **A&D**, Loch Leven **P&K**, Loch Gelly **F**, Kilconquhar Loch, Aird Meadow **Clyde**, Strathclyde Loch **Clyde**, Wualkmill Glen **Clyde**, Hogganfield Loch **Clyde**, Lake of Menteith **Forth** & Musselburgh **L**.

Black Scoter (Common Scoter) *Melanitta nigra*

Common Scoter *M.n.nigra*

Winter/Spring: No early year Solway counts, but most other large counts are in vicinity of the tabulated sites with 247 Gullane-Dunglass **L** & 140 Carnoustie **A&D** in January-March and 694 Largo Bay **F** & 350 Leven **F** in April-May with only 120 Stevenson **Ayr** in February away fromt the main centres. The best counts elsewhere were Arg 59, Bord 20, Ork 12, OHeb 9, Shet 5 & Clyde 2.
Breeding: **OHeb** pair on Lewis to July but no evidence of success; **High** 20 pairs present in one area; **P&K** 7 birds (4mm+3ff) present at 2 waters with br3 on 27 July; **Arg** 8 pairs at a regular site on Islay in June but just 1 pair known to be successful.

Site	J	F	M	A	M	J	J	A	S	O	N	D
Nairn Bar **M&N**	1805	870	-	-	-	-	-	-	-	138	-	703
Culbin Bar **M&N**	1600	2670	-	-	-	-	-	-	-	35	-	1173
Findhorn/Burghead	928	300	-	-	-	-	600	800	900	-	1250	2640
Lunan Bay **A&D**	150	300	250	-	15	-	400	40	244	76	50	65
St.Andews/Eden **F**	2500	-	-	-	-	-	-	-	400	-	-	790
Aberlady/Gullane **L**	303	240	310	310	110	23	170	93	105	81	159	228
Hestan-Dumroof **D&G**	-	-	-	-	1152	5300	1800	5000	5800	500	500	3500

Summer: Solway moult flock at Hestan Island & Dumroof Bank believed to be in excess of 6,000 birds with regular interchange with sites to the west in Galloway. Moulting birds seen from June-September with 150 Cramond **L** in June; 600 Kinnaber **A&D**, 450 Montrose Bay **A&D**, 380 Musselburgh **L** and 100 Sound of Gigha **Arg** in July; 3,500 Murcar **NE** & 900 Eden Estuary **F** in August & 3,500 Rockcliffe **D&G** in September. The best passage parties were 157 Fife Ness **F** 7 July, 107N Eyemouth **B** 14 July & 173 Fife Ness 14 July, all heading to moult. Also 85 Eyemouth 25 September, 36S Machrihanish **Arg** 8 October and 25S Sumburgh **Shet** 19 October.
Autumn/Winter: 400 Leven & 200 Seafield L between September and December with the best elsewhere being Arg 60, Ayr 30, Bord 20, Shet 9, Caith 5, Ork & Forth 4, OHeb & Clyde 3.

Black Scoter *M.n.americana*
Adult m Burghead Bay **M&N** 27 October-30 December. *Third record for Moray & Nairn.*
SeePullan, D. (2002) in *Birding Scotland* 5:88-89 for an account of this record.

Surf Scoter *Melanitta perspicillata*

Winter/Spring: Up to 4mm at St.Andrews Bay **F** & Largo Bay **F** in January with 3mm Largo Bay to March. These numbers rose to 4mm Largo Bay on 24 March into April with a f there on 26 March. The 3mm St.Andrews Bay **F** 16 April were presumably the same birds as was the single m at Musselburgh **L** 28 February, 28 April & 20-22 May. 2mm Nairn/Culbin Bars **M&N** 14-15 January with 3mm there on 11 February probably included the single m at Burghead Bay **M&N** on 6 January & 18 May and at Lossiemouth **M&N** on 1-3 March; 1m Maidens-Turnberry **Ayr** 13 April; 1m Rerwick **Shet** on 29 April-1 May; 2 (adult m & imm m) at Ronachan Point **Arg** 6 May.
Autumn/Winter: 2 1st-s mm Murcar **NE** in July & August; 1m Sound of Taransay, Harris **OH** 5 August; 1m Burghead 23 & 29 August was regular into December with peak of 3mm there 11 October; 1m Goosepools **F** 6 October; 1m Largo Bay at the end of October with 2mm there on 9 November & 3mm on 8 December with 1m Musselburgh 22 October & 26 November probably part of the same group; 1m Bruichladdich, Islay **Arg** 24 October; 1m Lunan Bay **A&D** 29 October-2 November was accompanied by 1f on 2 November.
Second record for Ayrshire, 24th record for Outer Hebrides.

Velvet Scoter *Melanitta fusca*

Site	J	F	M	A	M	J	J	A	S	O	N	D
Nairn Bar **M&N**	251	180	-	-	-	-	-	-	-	-	-	113
Culbin Bar **M&N**	24	420	15	-	-	-	-	-	-	-	-	44
Burghead Bay **M&N**	300	40	280	-	-	-	-	-	-	-	535	954
Lunan Bay **A&D**	-	100	-	20	-	-	8	14	600	231	133	10
Eden/St.Andrews **F**	1660	-	-	-	-	-	-	-	25	-	-	78
Leven/Largo Bay **F**	220	87	-	158	50	-	-	-	-	50	470	500
Musselburgh **L**	88	142	318	193	141	30	30	15	58	108	105	75

Winter/Spring: 117 Port Seton **L** in January; 161 Joppa **L** & 100 Eastfield **L** in March; 50 Kingston **M&N** in April. The best totals elsewhere were 14 Ork, 8 Arg, 2 Clyde with singles Shet but none OHeb, Bord, Ayr & D&G. With northbound passage: 63 Quanterness **Ork** in April; 55 Rerwick **Ork** in May.
Autumn/Winter: A record 50 seen off Berwickshire in autumn, maximum daily count 10N Eyemouth **B** on 22 September with increase in passage seen in Loth as well. The best counts were 400 Murcar **NE** in August; 54 Quanterness in November; 110 Spey Bay **M&N**, 29 Eastfield **L** and 22 Wyre Sound **Ork** in December. Straggling birds noted off shore OHeb, Ayr & D&G August-December.
Singles inland at 1 Balgray Reservoir **Clyde** on 28 September and at Loch of Skene **NE** in December.

Common Goldeneye *Bucephala clangula*

Site	J	F	M	A	O	N	D
L. of Stenness **Ork**	261	177	-	-	-	133	227
R.Tay at Perth **P&K**	210	160	80	-	-	-	200
Loch Leven **P&K**	64	-	-	-	249	106	-
Leven **F**	1080	1275	1001	-	-	135	-
Kilconquhar Loch **F**	180	298	205	282	-	-	-
North Forth WeBS **F**	-	2222	-	-	-	221	584
South Forth WeBS **L**	694	333	-	-	63	309	486
Tiree **Arg**	44	41	32	-	7	16	53
Clyde Estuary **Clyde**	468	305	869	-	12	43	214
Doonfoot-Newton **Ayr**	257	365	257	1	7	9	120

Winter/Spring: Away from the listed resorts there were 364 Loch Ryan **D&G**, 350 Carlingwark Loch **D&G**, 328 Musselburgh **L**, 264 Gullane to the English border **L/B** & 225 Loch of Skene **NE** in January-February with 100-199 birds at Loch Coalisport **Arg**, Tay Estuary **F/A&D**, Girvan **Ayr**, Forthbank **Forth**, Strathclyde Loch **Clyde**, Lower River Devon **Forth**, Silverknowes **L**, Castle Loch **D&G**, River Clyde at Lamington **Clyde** & Sandhaven **NE** in February. Maxima elsewhere: Caith 60, Shet 52, OHeb 45.

Breeding: **High** 41 boxes used in the Spey Valley with 6 occupied boxes at Abernethy, also a brood on the Kyle of Sutherland; **M&N** 1 pair but no young at the usual site; **NE** pair displaying but no breeding confirmed; **P&K** pair at one site and single m at another; **Forth** pair + br2 Loch Tay on 30 May.

Summer: 79 Loch of Strathbeg **NE**, 50 Loch Leven **P&K**, 18 moulting Finlaystone Point **Clyde** & 13 Loch Gelly **F** June-July, also Shet 15, Ork 8, P&K 5, Forth 3, & 2-4 OHeb,Loth, M&N, Bord, Ayr.

Autumn/Winter: First passage birds Bord & Arg 9-13 September; Forth, OHeb, Is of May & Fair Is 6-24 October. Best counts away from main resorts were 244 Loch Leven in October; 220 Earn Mouth **P&K**, 143 Leith Docks **L**, 128 Lochwinnoch **Clyde** & 107 Lake of Menteith **Forth** in November; 212 Silverknowes, 202 Loch Ryan, 158 Loch Coalisport, 140 Musselburgh **L**, 130 Strathclyde Loch **Clyde** & 121 Lamington **Clyde** in December. Best elsewhere: NE & Bord 60, M&N 47, Shet 29.

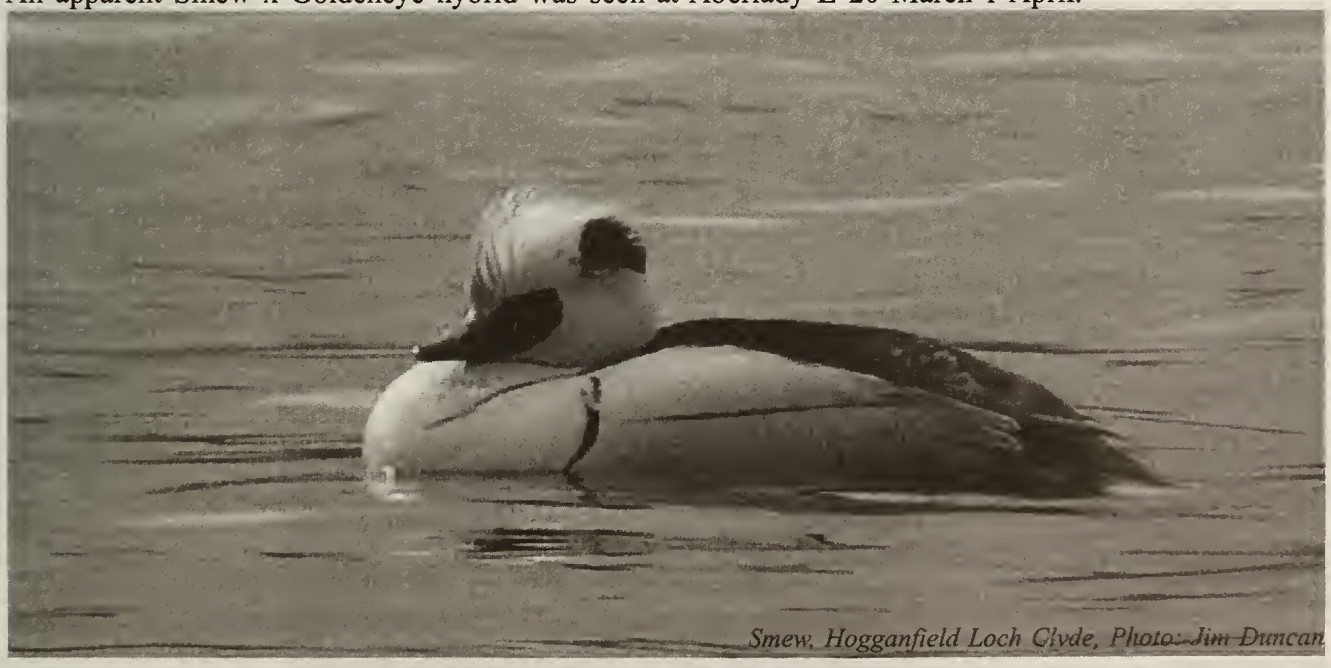
Smew *Mergellus albellus*

Area	J	F	M	A	N	D	00/01	01/02
N Isles	1	3	1	-	-	-	5	0
N.Scot	1	2	-	-	-	-	2	0
NE Scot	5	6	5	-	-	4	6	4
E/C Scot	5	5	4	-	1	2	14	3
SE Scot	1	-	-	-	1	1	2	1
W Scot	5	4	3	-	-	2	7	2
SW Scot	3	3	2	-	2	4	6	5
Monthly totals	**21**	**23**	**15**	**0**	**4**	**12**	**42**	**16**
2000	**30**	**21**	**16**	**4**	**10**	**29**		

Winter 00-01: Almost wholly singles other than 4 Loch of Strathbeg **NE** January-March, 2 Loch of Mey **Caith** & 2mm Leven **F** in March. Last Clyde on 7 March; D&G & M&N 25 March; with latest 1 Loch Leven **P&K** 31 March.

Winter 01/02: The first bird was at Carriston Reservoir **F** 4 November, then Ayr 9 November; D&G and P&K 30-28 November; Clyde 13 December. All records were of singles except for 3 Loch of Strathbeg in December.

An apparent Smew x Goldeneye hybrid was seen at Aberlady **L** 20 March-1 April.



Smew, Hogganfield Loch Clyde, Photo: Jim Duncan

Red-breasted Merganser *Mergus serrator*

Winter/Spring:

Site	J	F	M	A	S	O	N	D
L. of Stenness **Ork**	43	90	-	-	-	64	80	33
Water Sound **Ork**	42	10	-	-	-	8	55	88
Ythan Estuary **NE**	25	24	-	21	9	16	30	31
South Forth **L**	182	142	-	-	382	262	197	215
L.Indaal, Islay **Arg**	48	42	41	46	112	87	75	59
Clyde Estuary **Clyde**	99	51	84	-	67	69	19	92

Other counts : 91 Sullom Voe **Shet**, 87 Kirkabister **Shet**, 45 Eden Estuary **F** & 40 Loch Langass, North Uist **OH** in January; 127 Tay Estuary **F/A&D** & 60 Carnoustie Bay **A&D** in March; 120 Dalgety Bay **F** and 91 Loch of Tankerness **Ork** in April; with 80 Eden Estuary in May.

Breeding: **Shet** 7 broods seen; **Ork** 15 pairs bred; **OHeb** 7br62 seen; **M&N** 3br26 seen Findhorn Bay; **A&D** 2br9 Montrose; **P&K** 11 pairs reported but just a single brood; **Arg** f with br23 seen Crinan, also bred at 13 other sites; **Clyde Is** bred 5 sites Arran with 4br12; **Clyde** 10 pairs Loch Lomond with 3 nests within 5m of one another on Tarbet Is. & 2br10 seen later; **Ayr** 1 brood.

First young Clyde Is 23 June; P&K & Shet 2-7 July; Clyde, Ayr & Arg 17-21 July; A&D 3 August.

Moult flocks: 124 Montrose Basin **A&D** in June; 156 Eden, 116 Dipple **Ayr** & 56 Machriewaterfoot, Arran **Clyde Is** during July; 161 Loch Indaal, Islay, 129 Ardmore Point **Clyde**, 87 Loch Riddon **Arg**, 50 Echnaloch Bay **Ork** & 34 Murcar **NE** in August; 294 Eden Estuary, 169 Aberlady **L**, 95 Hornish, North Uist **OH** & 74 Nairn/Culbin Bars **M&N** in September.

Autumn/Winter: 20N Eyemouth **B** 22 September was the only movement reported. 63 Forth Estuary **Forth** in October; 113 Loch Ryan **D&G**, 68 Sound of Barra **OH**, 64 Mount Stuart, Bute **Clyde Is** & 58 Sullom Voe in November; 250 Musselburgh **L**, 153 Kirkabister & 88 Burra **Shet** in December.

Goosander *Mergus merganser*

Winter/Spring: 647 were censused along 311km of the River Tweed and tributaries **B** on 21 January. 104 Strathclyde Loch **Clyde**, 63 Dumfries **D&G** & 56 Yetholm Loch **B** in January; 138 Castle Loch **D&G**, 63 Bemersyde **B** & 52 Birnie Loch **F** in February.

Breeding: **M&N** 1 broods seen; **NE** 2 broods; **P&K** 3br28; **Forth** 2br11; **Loth** 3br15 on North Esk is record success; **Bord** 8br39; **Arg** 4br28 seen; **Clyde** 9br81; **Ayr** 1 brood; **D&G** 1 brood.

First broods: Clyde 11 May; Arg 22 May; Bord 2 June; Loth 10 June; Ayr & P&K 17-18 June.

Moult flocks: 100 Speymouth **M&N** in June; 147 Tyninghame **L**, 124 Montrose Basin **A&D**, 61 Eden Estuary **F** in July; 245 Tay Estuary **F/A&D**, 120 Endrick Mouth **Clyde** & 37 Rossdhu Bay, Loch Lomond **Clyde** in August; 52 Leven **F**, 37 Skinflats **Forth** in September.

Winter: 91 Hule Moss **B**, 63 Inchgarth **NE** in September; 150 Ballindalloch **M&N**, 93 Hogganfield Loch **Clyde**, 48 Loch Leven **P&K** & 43 Birnie Loch in October; 392 Hirsel Lake **B** & 102 Castle Loch in November; 87 Strathclyde Loch, 60 Loch Leven **P&K** & 45 Forresterburn Reservoir **Clyde** in December. Only the odd birds were seen on the N&W Isles, max 5 Black Loch **Shet** in March, otherwise mostly singles. The best counts elsewhere were 32 Ayr & 8 Arg.

Goosander Peebles Borders

Ruddy Duck *Oxyura jamaicensis*

Winter/Spring: The only numbers to remain overwinter were at Hogganfield Loch **Clyde** & Loch Leven **P&K** with 7 & 6 birds respectively in January with singles singles Loch Gelly **F**, Kilconquhar Loch **F**, Strathclyde Loch **Clyde**, Linlithgow Loch **L** & Yetholm Loch **B**. There were no February reports except at Loch Leven & Hogganfield. The first arrivals were in A&D 9 March; Bord & Fife 19-21 March; D&G & P&K 1-11 April with widespread occupation by mid-April. Away from the main range there were 4 Castle Loch **D&G** & 2 Strathbeg **NE** in April; 3 Milton Loch **D&G**, 3 Musselburgh **L**, 2 Kinnordy **A&D** and singles Swans Pond **F**, Montrose Basin **A&D**, Loch Fergus **Ayr** & Meikle Loch **NE** in May; 2 Methven Loch **P&K** & 1 Braigh, Lewis **OH** in June.

Breeding: **Ork** br5 Mill Dam, Shapinsay; **A&D** 8 Forfar Loch but no breeding; **P&K** br2 Stormont Loch; **Fife** 14 Kilconquhar Loch where young were seen, also probably bred Loch Gelly where up to 5 birds; **Loth** maximum 11 Linlithgow Loch in April but no breeding: **Bord** 10 Bemersyde in May but no breeding, 11 Folly Loch in May had 5br27; **Clyde** the poorest year since 1992 with 5 broods at 4 sites; **Ayr** max 5 North Craig Reservoir in May with br1 in June was the first breeding in Ayrshire.
First young seen Ayr 27 June; Clyde & Bord 16-21 July; P&K 4 August; Ork 28 August.

Area	Sites	MaxMin.	Prs	Broods
Ork	1	2	1	br5
NE	2	3	1	dnb
A&D	3	11	?	dnb
P&K	5	23	7	br2
Fife	3	22	8	1br?
Loth	4	17	5	dnb
Bord	3	24	8	5br27
Clyde	16	58	5	5br15
Ayr	2	6	1	br1
D&G	2	7	1	dnb

Autumn/Winter: Wandering birds noted White Moss Loch **P&K**, Loch of Tankerness **Ork**, Kings Myre **P&K**, Meikle Loch, Trabboch Loch **Ayr**, Castle Loch in August/September; Insch Marshes **H**, Loch of Bosquoy **Ork**, Martnaham Loch **Ayr** & Loch Ken **D&G** in October; Lochore Meadows **F** & Loch Ryan **D&G** in November. Last Ork & Ayr 14-23 October; A&D on 4 November; Fife 11 November; Bord 3 December. Wintered Loch Leven but good numbers **Clyde** with *c*.36 birds at 6 waters until the mid-December freeze with latest 2 Strathclyde Loch on 29 December.

Autumn Resorts	Jul	Aug	Sep	Oct	Nov	Dec
Kilconquhar L. **F**	-	31	-	-	-	-
L.Gelly **F**	2	-	14	-	-	-
Linlithgow L. **L**	5	12	14	12	0	0
Folly L. **B**	17	24	24	13	3	1
Hule Moss **B**	-	-	30	42	32	0
Hogganfield **Clyde**	1	10	25	29	19	24

The impact of the culling is clear as numbers have dropped everywhere both as breeders and at the post-breeding resorts in autumn.

Willow Ptarmigan (Red Grouse) *Lagopus lagopus*

Non-breeding season: 300 Baddoch to Glen Shee **NE**, 200 Glen Callater **NE**, 90 Mt.Keen **NE** & 42 Auchavon **A&D** in January-February. 100 Ballochbuie **NE**, 63 Glen Shee, 35 Glen Esk **A&D**, during August-December.
Best elsewhere: Loth 17, P&K, D&G 12, Bord 10, Clyde 9, OHeb 8, Ayr 7, D&G 4 & Loth 3.
Breeding: **Ork** 30 pairs Birsay Moors with 4br18, 2br16 at Rendall Moss & Feold on 5 July; **NE** spring densities at Cairnwell, Lecht & Cairn O'Mount were high, Cairnwell broods averaged 3 young but many hens failed and many that succeeded moved uphill in August to areas more typical of Ptarmigan; **Clyde Is** numbers were low; **Clyde** a poor season with low numbers & productivity. The lack of hill access in southern Scotland meant even fewer records than usual.
First young Forth 18 June; P&K 23 June; Ork 5 July; Clyde 13 July. In **NE** the bags were large in Strathdon, Glen Muick and Glen Dye but poor around Invercauld and Mar Lodge.

Rock Ptarmigan (Ptarmigan) *Lagopus muta*

Breeding: **NE** spring densities were low in the Cairnwell hills, less than 50% of 2000 levels, and generally numbers were low in that area and in the central Cairngorms, especially Lochnagar. Severe snowfalls in June led to many failures. Mean broods sizes were 4 around Lochnagar, 3 in the eastern Cairngorms, 2.5 at Cairnwell and just 1 in the central Cairngorms. The largest brood reported was of 8 young; **A&D** reported from 5 summits; **P&K** noted 8 summits after access restrictions dropped; **Forth** noted 3 sites; **Arg** reported 4 sites; **Clyde Is** just1 record on Am Beinnen, Arran; **Clyde** only reported Ben Lomond with brood & juveniles seen.
The best counts were 35 Lochnagar-Broad Cairn **NE** 17 March; 21 Glas Maol **P&K** on 11 September; 16 Bienn a 'Bhuird **NE** 11 December.

Black Grouse *Tetrao tetrix*

Breeding: There were few systematic counts due to F&MD restrictions. **High** 34mm+10ff Sutherland survey; **NE** 87m+3f at 10 leks on Mar Lodge; **A&D** c/16 reported Roundyhill in June; **Arg** fledged brood seen Tarbert 14 July.

Best counts: 27 Moulin Moor **P&K** , 14 Kirkhope **B**, 12 Glen Fruin **Clyde** & 10 Glen Clunie **NE** in March-April; 34 Glen Artney **P&K** in October; 26 Trinafour **P&K**, 20 Glen Quaich **P&K** & 13 Dumbrock Muir **Clyde** in November-December. 48 during drive at Mar Lodge **NE** 24 November.

All records	sites	mm	ff	total
NE	11	205	13	218
A&D	9	-	-	19
P&K	19	-	-	>120
Forth	9	17	4	>20
Loth	2	2	1	3
Bord	52	274	33	207
Arg	7	5	4	>9
Clyde	13	48	24	72
Ayr	16	47	9	56
D&G	19	11	15	32

Hybrid Black Grouse x Capercaillie at lek Mar Lodge 17 April & for the 3rd year at Glen Finglas **Forth** on 19 August.

Western Capercaillie (Capercaillie) *Tetrao urogallus*

Breeding: **NE** only 2 broods were seen due to access restrictionsat Ballater and mid-Deeside. 24ff with 13br29 found in 18-19km^2 survey of Deeside/Donside, and at MBS 1.2 was just slightly above the 1.1 considered necessary to sustain the population, however it was the highest production recorded since 1995; also 4mm at Glen Tanar leks; **P&K** noted Black Wood of Rannoch, Craigvinean, Drummond Hill, Inver, Tummel Forest & near Methven, br2 seen Tummel Forest 12 August; **Clyde** on 3 Loch Lomond islands in January-February but no spring census due to restrictions, however a brood count in July showed 5br10. No records from Forth.

Red-legged Partridge *Alectoris rufa*

M&N seen 7 sites but releases known; **NE** increase to 41 casual records at 12 sites with confirmed breeding Strathbeg & Slains; **A&D** increase to 35 reports; **P&K** seen 16 sites; **Fife** 500 birds released Balcarres and many records in East Fife but just 1 from west, only 1 brood reported at Ceres in August; **Loth** just 3 reports; **Bord** noted 19 sites in breeding season and another 9 sites in winter with brood seen Stow and a late nest noted Walkerburn on 3 October; **Arg** minimum 98 reported at 7 sites Islay suggests good success, also birds seen Colonsay & Cowal; **Clyde Is** fewer released Arran; **Clyde** 250 released Endrick Mouth but few later-year reports; **Ayr** 14 sites; **D&G** 6 sites in breeding season with 2 broodsat Stoneykirk & Portpatrick, also 14 other sites in winter.

Max counts: 42 Glen Isla **A&D**, 31 Scoulag Moor, Bute **Clyde Is** & 20 Loch of Strathbeg **NE** in January; 100 Hatterseat **NE** in September; 29 Drochaird Bheag, Islay **Arg** & 26 Loch Ken **D&G** in October; 35 Glen Clova **A&D** in November; 21 Balbeggie **P&K** in December.

Grey Partridge *Perdix perdix*

M&N 7 sites with br10 Tarras; **NE** further increase to 65 records from 28 sites, mainly in east, 14 breeding season records but just 2 confirmed breeding records from Fintray & Inverurie where previously common; **A&D** increase to 61 records but only 2 broods at East Seaton & Barnhead; **P&K** just 5 sites in breeding season but 20 other sites in winter; **Fife** 26 sites with 3br24 at from Valleyfield, Leuchars and Kirkcaldy; **Forth** 2 broods seen but some suspected releases; **Loth** 4 pairs Aberlady & 3 broods Musselburgh, also 5 other sites in winter; **Bord** 17 sites in breeding season with br15 The Inch and other broods St.Abbs, Northfield, Clarilaw, Eyemouth & Third, also 23 sites in winter; **Clyde** just 4 sites in breeding season; **Ayr** just 1 brood Sandyford but seen 11 sites in breeding season.

First broods: Bord 16 May; M&N 10 June; Loth & Fife 24-25 June; Ayr 2 July; Forth & NE 22-28 July.

Largest counts: 29 Kincardine **F**, 20 Largie **NE** & 20 Purgavie **A&D** in January-February; 20 Craigenbay **D&G** in autumn; 40 Leuchars, 38 Musselburgh & 30 Claylands **Forth** in November; 32 Monktonhill **Ayr** in December.

Common Quail *Coturnix coturnix*

Spring: First single **Is of May** 10 May; Bord on 15 May; Ayr & Fife on 20 May; Loth, P&K & Shet 23-31 May; D&G 5 June; Clyde 9 July.

Breeding: **Shet** 3mm; **Ork** 1m; **High** 1m; **M&N** 1m; **A&D** party of 12 Shandford Farm included young birds; **Fife** 4mm; **Loth** br2 seen un-named East Lothian site; **Bord** 4mm; **Arg** 3 called Coll in June; **Ayr** 1 called Raithill May-July; **D&G** 3mm.

	A	M	J	J	A	S	O	Total
N Isles	-	1	2	4	1	-	-	7
W Isles	-	-	-	1	1	-	-	2
NE Scot	-	-	-	1	1	-	-	2
N Scot								
E/C Scot	-	3	4	3	12	4	-	25
SE Scot	-	4	2	1	3	-	-	10
W Scot	-	-	3	5	-	-	-	8
SW Scot	-	1	2	3	-	-	-	3
2001	**0**	**9**	**13**	**18**	**18**	**4**	**0**	**57**
2000	1	12	29	22	5	4	2	75
1999	-	21	22	23	3	1	0	76

Autumn: 1 Flannan Is **OH** 6 July.
Last birds Shet, Bord & NE 6-10 August; and OHeb during late August; 1 Pitcox **L** on 7 October.

Common Pheasant
Phasianus colchicus

NE 1 Mar Lodge in November was unusual; **Loth** 14 pairs Aberlady (21 in '00).
First young Clyde Is 30 May; Bord & Clyde on 29 July; A&D 21 August; with Ork on 30 September.

Red-throated Diver *Gavia stellata*

Winter/Spring: The largest concentrations were in the sheltered firths and bays with the best January-March counts caming from the Firth of Clyde with 142 Greenock-Port Glasgow **Clyde**, 90 Ardmore Point **Clyde**, 50 Loch Ryan **D&G** & 25 Ardrossan **Ayr**. More modest totals were seen off the east coast with 44 Ruddon's Point **F** & 37 Lothian coastal *WeBS* **L** in the Forth and further north 46 Murcar **NE** & 39 Nairn/Culbin Bars **M&N**. In contrast the isles could only manage maximum concentrations of 8-12 birds in Argyll, Outer Hebrides, Orkney & Shetland. Numbers rose in April and May with the northbound passage. In April large counts mostly were in the southwest with 106 Mersehead **D&G**, 36 Turnberry **Ayr**, 22 off west Kintyre **Arg** and 16 Glendale/Smerclate, South Uist **OH** but in late April & May it was the eastern coastal waters that had the highest counts, presumably as migrants moved northwestwards towards Scandinavia, with maxima of 128 Balgownie **NE**, 83 Spey Bay **M&N**, 74 Lunan Bay **A&D**, 59 Peterhead **NE** & 38 Ruddon's Point.
1 at Bemersyde Moss **B** 4 February was of interest. The first back on freshwater on Shet on 17 February was early, in contrast with late March in OHeb and 11 April in M&N & NE.

Breeding: *2001 saw a return to a more normally timed breeding season in the Shetland Ringing Group study area, in contrast to very early seasons recently. There was an increase in the numbers of successful breeding pairs, rising from 34 in 2000 to 44 in 2001, although still below the 1980-2000 mean of 52. The numbers raising two chicks also increased. Mean brood size was 1.27 (long-term mean 1.36). Nesting on artificial sites occurred for the first time with high success. 23 of 69 pools at Northmavine held divers with breeding at 16 sites suggesting that the population is stable in the last decade. Foula & Fetlar maintained the success of 1999 & 2000 but elsewhere on Shetland success declined especially on Yell and Hermaness.*
Orkney at MBS 0.81, well above the long-term mean of 0.52, with good success on Mainland with MBS 1.11 while Hoy had the second-most productive year on record. Heavy rain in June restricted success on Rum. There was total failure on Eigg due to predation and desertion.

	2000	2001	2000	2001
	pairs		success	
Hermaness	8	7	0.75	0.43
Fetlar	23	23	0.57	0.48
Yell	-	8	-	0.25
Foula	12	11	0.33	0.36
Shetland total	**43**	**49**	**0.53**	**0.41**
Hoy	66	65	0.53	0.72
Rousay	7	1	0-0.29	1.00
Mainland	14	19	0.86	1.11
Orkney total	**80**	**85**	**0.59**	**0,81**
Handa	4	4	1.50	0-1.50
Eigg	2	3	0	0
Rum	12	8	0.42	0-0.25

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001, JNCC.**

57 pairs **OHeb** with 7 Lewis, 35 North Uist, 14 South Uist & 1 Barra but few follow-up observations and only 3br5 reported; and in **Arg** where 16 pairs fledged 7 broods. Elsewhere this species is rare, with 3 pairs **P&K**, 2 of which nested; 2 pairs Clyde which fledged 1 young. Birds visited single sites in **M&N**, **NE**, **Forth** & **Clyde Is**, some just intermittently in the season and none successfully.
Autumn/Winter: Passage from July included 241S Machrihanish **Arg** , 127S Grimnish Point, North Uist **OH** (on 24 dates), 67S Rubha Ardvule, South Uist **OH** (on 13 dates).The best days counts were 18S Frenchman's Rocks, Islay **Arg**, 30S Turnberry Point **Ayr**, 30W Hound Point **L**, 18S Frenchman's Rocks, Islay **Arg** & 17W Eyemouth **B** on 7-9 September; 25 Barns Ness **L** 18 September; 26S Fife Ness on 6 October; 17S Grimnish Point 27 October with 19S there 4 November; and 21W Fallin **Forth** 20 November. Also 3S Aber Island, Loch Lomond **Clyde** on 14 December.
Large coastal counts include: 20 Murcar in August; 30 Dalmeny **L** and 23 Gullane Point **L** in September; 78 Spey Bay & 73 Dipple **Ayr** in October; 48 Balgownie, 47 Burghead Bay **M&N** & 31 Wyre Sound **Ork** in November; and 54 Loch Indaal, Islay **Arg** 47 Loch Ryan & 39 Clyde Estuary **Clyde** in December.

Black-throated Diver *Gavia arctica*

Winter/Spring: The best January to May counts were 52 Ballantrae **Ayr**, 39 Kintyre **Arg**, 31 Sandoyne **Ork**, 19 Loch Coalisport **Arg** & 15 Findhorn-Burghead **M&N**. Further to the east and south the best counts were 5 Imachar, Arran **Clyde Is**, 4 Largo Bay **F**, 3 Loch Ryan **D&G** and just 1-2 in Shet, NE, A&D & Loth. There was no discernable passage.

Breeding: *The RBBP reports that only 51 sites were monitored due to F&MD (usually 90+). 51pairs bred. 19 nests built on rafts fledged 4 young while the 32 natural sites managed 8 young. Several rafts that had been taken in for the winter could not be replaced because of access restrictions and this is thought to be why, for the first time since 1996, that the rafts were less productive than natural sites.* After Ogilvie & RBBP (2003), *British Birds* 96: 476-519.

14pairs bred **OHeb**, 10 on the Uists & 4 Lewis but only 8 young were seen; also at 8 sites in **Arg** and despite 5 nests none fledged; 4 sites in **P&K** fledged 2 young while in **Clyde** 2 nests failed.

Autumn/Winter: July singles in M&N & Bord where unusual and a post-breeding flock of 16 North Uist **OH** in August. The first passage in A&D on 22 August; Fife, Bord & Loth 8-10 September; Is of May & Ork 22-23 September; NE & Ayr 8-9 October. The only significant counts were10S St.Abbs **B** on 23 September, 3 Fife Ness **F** on 17 November and 4 Barns Ness **L** on 9 December.

As usual there were few large counts, with 40 Prince's Bay, Eriskay **OH** & 7 Findhorn-Burghead in September; 23 Maidens **Ayr**, 21 Turnberry **Ayr** and 15 Loch Roag & 5 Whiting Bay, Arran **Clyde Is** in November with 22 Loch Coalisport in December.

1 Knapps Loch **Clyde** & 1 Vane Farm, Loch Leven **P&K** in December were unusual inland records.

Great Northern Diver *Gavia immer*

Winter/Spring: Good coverage of the UK's premier wintering site by boat revealed 300 in Scapa Flow **Ork** in January with 225 Shapinsay/Deer Sound **Ork**, 120 Orphir **Ork** and 90 Quanterness **Ork** in April and 100 Westray **Ork** in May. As usual, the other good sites were to the north and west, with 30 Whiteness/Skelda Ness **Shet** and 20 Dunnet Bay **Caith** in January & 70 Sound of Gigha **Arg**, 69 Rova Head/Kirkabister **Shet** and 60 Sound of Harris **OH** in February. Further south on the North Sea & Solway coasts there were 2 birds seen at Loch Ryan **D&G**, Pathhead **F** & Aberlady **L** in February and 2 at Mersehead **D&G** in May but otherwise only singles in A&D (1), Fife (5), Loth (6) & Bord (1). West coast totals picked up in spring as birds from further south moved northwards. A full survey of the west Kintyre peninsula **Arg** on 6 May found 417 in the bays while there were 91 at Glendale/ Smerclate, South Uist **OH**, 82 Kildonan/Peninerine, South Uist & 24 Machrihanish **Arg** in May.

Summer: Summering birds are not unusual in the far north and west with *c*.14 Shet, *c*.17 OHeb and singles Fife & Loth in July/August, mostly immatures. A party of 46 at Machrihanish on 6 August was unusually early for the return passage.

Autumn/Winter: Passage birds in Loth & Bord 10 September; Shet & Fair Is 17-25 September. Best daily counts were 5S St.Abbs Head **B** 10 September; 17S Grimnish Point, North Uist **OH** 10 October with 18S on 27 October and 5S New England Bay **D&G** 4 December. Numbers built up from October with 46 Sound of Barra **OH** & 35 Dunnet Bay in October; 100 Shapinsay, 18 Loch Indaal, Islay **Arg**, 14 Sound of Gigha, 7 Seamill **Ayr** & 7 Kingston in November; 90 Gulberwick/Kirkabister **Shet**, 80 Hunda **Ork**, 74 South Haven/Hildasay **Shet**, 34 Whiteness/Skelda Ness & 7 Rattray **NE** in December.

Yellow-billed Diver (White-billed Diver) *Gavia adamsii*

A 2nd-w/2nd-s was present at Rerwick Point **Ork** 30th April-4th May. *This was the 22nd record for Orkney.With just a single record, 2001 was the poorest year for Scotland since the blank year in 1982.*

Little Grebe *Tachybaptus ruficollis*

Winter/Spring: 2000-2001 was generally mild with 21 Threave **D&G**, 13 Linlithgow Loch **L**, 13 Loch Lubnaig **Forth**, 11 Loch Ken **D&G** & 5-8 birds on Graemeshall Loch **Ork**, Loch na Bo **M&N**, Faskally Loch **P&K**, Hammerlands Pond **D&G** & Douglas Estate **Clyde**. The numbers wintering on rivers have been increasing of late with 23 River Leven at Dumbarton **Clyde** with 5-7 birds on the Clyde at Thankerton, Carstairs & Lamington **Clyde**, 4 on the Nith at Dumfries **D&G** and 8 on 4 sites on theTweed **B**. A smaller number move to the sea with 35 on outer Loch Etive **Arg**, 20 on the Clyde Estuary **Clyde**, 12 at Skinflats **Forth** and 2-5 birds at Findhorn Bay **M&N**, Lochranza, Arran **Clyde Is**, Kingston **M&N**, Nairn **M&N** in January and singles Shet (3), M&N (2), Ayr (2), Loth, Bord & Clyde Is. With such a mild winter the date of the return to breeding sites was rather obscured.

Breeding: A below average in both Clyde (mean 1.6) & Bord (mean 1.97) where there is a long run of data. A pair at Loch Grannda, Harris **OH** where they are rare and high productivity with 9 pairs fledging 31 young at Kilconquhar Loch **F** & 3 pairs rearing 13 young at Morton Loch; numbers were lower in **Bord** & **Clyde** with introduced Pike on Glasgow lochs being implicated in the decline. The first young seen were in Forth on 8 June & Bord on 20 June.

Area	Sites	Pairs	Broods	MBS
Ork	4	5	3br8	2.67
OHeb	14	18	3br5	1.67
M&N	15	21	>7	-
NE	5	?	-	-
P&K	14	>14	>7	-
Fife	>12	>32	>20br44	2.67
Forth	2	2	4	2.00
Loth	10	10	6br12	2.00
Bord	19	25	10br18	1.80
Arg	6	8	3br?	-
Clyde	35	68	*c*.22br49	2.20
Ayr	11	20	8br18	2.25
D&G	7	15	br2	2.00

Autumn/Winter: Post-breeding assemblies were reported from August-early October with 49 Kilconquhar, 30 Carsebreck **P&K**, 28 Hogganfield Loch **Clyde**, 22 Carriston Reservoir **F**, 21 Carlingwark Loch **D&G** and Cally Loch **D&G** and 20 at both Folly Loch **B** & 20 Hirsel Lake **B**.
20 on the sea at Loch Etive in October rose to 38 in December. Other marine reports in winter include 21 Hunterston **Ayr**, 12 Loch Sween **Arg**, 10 Skinflats & 8 Tyninghame **L** and 1-2 birds elsewhere in Loth & Bord. On stillwater the best totals were18 Dunalistair Reservoir **P&K**, 10 Almond Pools **L** & 10 Duddingston Loch **L** . The rivers had 13 on the Clyde at Lamington, 7 at 4 sites on the Tweed and 2 at Dumfries.
Numbers were lower than usual on the N&W Isles with maximum counts of 9 Baleshare, North Uist **OH** & 5 Echnaloch **Ork** in November and just 3 birds on Shetland.

Great Crested Grebe *Podiceps cristatus*

Winter/Spring: The Solway, Clyde & Forth are the main Scottish winter resorts with the best counts in the Solway with 378 Carsethorn/Southerness, 194 Mersehead & 41 Loch Ryan all **D&G** between January and March. The Clyde Estuary **Clyde** peaked at 143in January but more birds were probably present along the whole Forth with 113 Blackness **L**, 57 Longannet **F**, 55 Portobello **L**, & 26 Carriden **Forth** in January and 120 Kinneil **Forth** and 114 North Forth **F** in February.
Wintering on freshwater is not common but 9 Roughriggs Reservoir **Clyde** in January and 1-8 birds elsewhere on freshwater at single sites in **Forth**, **Ayr** and **D&G** suggests more birds are lingering. The early March snows probably held things up with the first arrivals on territory in Bord & Arg 16-21 March.
1 North Ford, North Uist **OH** 10-11 March was the first in OHeb since 1996.
Breeding: The table summarises the situation and demonstrates the relative importance of east-central Scotland where most of the population is located. Loch Leven **P&K** is the most important sites with no fewer than 65 pairs but little data on how successful it was other than the 222 there in August which hints at a successful season, even if there were many non-breeders and post-breedersfrom elsewhere joining the flocks. Other than neighbouring areas of Fife where Lindores Loch had 7 pairs fledged 7 young, it is in Clyde that we have the best data. Typically only half of the pairs were successful but with an MBP of just 0.8 (mean 1.0), 2001 must count as a below average year. In summary just 76 young were fledged from 165 pairs. There were no birds at Loch Spynie **M&N** for first time since 1984.

Area	Sites	Pairs	Broods	MBS
NE	1	3	3br5	1.60
P&K	7	>70	?	?
Fife	9	27	?br19	-
Forth	5	9	br4	4.00
Loth	3	3	2br3	1.50
Bord	2	2	br3	3.00
Clyde	20	34	*c*.14br28	2.00
Ayr	6	8	3br7	2.33
D&G	6	9	4br7	1.75

Great Crested Grebe, Alemoor Reservoir, Borders

Autumn/Winter: Autumn dispersal saw 3 singles past Machrihanish **Arg** from July & October with other singles to Weisdale Voe **Shet** , the first in Shet since 1998, and to Blairmore **Arg** in October and to Loch Indaal, Islay **Arg** in November. The autumn return to the coast saw 154 at Ardmore Point **Clyde** in August with 161 on the Clyde Estuary in December. The Solway had 76 Caerlaverock **D&G** in September, 212 Loch Ryan & 63 Mersehead in November & 148 Carsethorn/Powillimount **D&G**, 100+ Southerness **D&G** in December. There were 83 at Portobello **L** on the Forth in August, 92 Dalmeny **L** in September & 122 Silverknowes **L** in November. Even in midwinter Loch Leven held on to 190 birds into December.

Red-necked Grebe *Podiceps grisegena*

Max counts	J	F	M	A	M	J	J	A	S	O	N	D
North Forth **F**	6	1	0	1	-	-	-	3	3	2	9	2
Aberlady **L**	2	2	4	4	1	0	1	1	3	7	8	33
Gosford Bay **L**	19	9	-	-	-	-	23	48	38	21	6	32
Musselburgh **L**	1	3	1	1	1	0	0	1	4	2	2	1
Other Loth **L**	-	1	-	4	-	-	-	-	3	-	1	6

Winter/Spring: The Forth is the main centre for this species in Scotland with Gosford Bay L in pole position, despite the lack of counts due to F&MD restrictions. Away from the Forth there were few winter birds, 3 at Sandoyne **Ork** being the only multiple record. Otherwise there were singles in Shet (2), Ork (3), and singles M&N, NE, A&D, Arg & Clyde between January and March.

Breeding: Despite nesting once in Lothian in the 1990s and a pair resident in Borders for many years, which eventually vanished two years ago, this species had never bred successfully in Britain until 2001. A pair were seen in early June at a new water in Borders, defending an unseen nest against the local pair of Mute Swans. The nest was eventually traced, despite the F&MD restrictions not allowing close approach to the site, and an incubating birds was seen. The nest then appeared unoccupied and it was suspected that the attempt had failed, like so many others. However at the end of June, the pair were seen with two half-grown young, the brood evidently kept well hiden for 10 days or so. One chick eventually fledged.A single bird at a Lothian water in May was probably unconnected with this event. For full account see Murray in *Borders Bird Report* 21: 123-126.

Autumn/Winter: The Forth birds, which peaked at 48 on 17 August, are detailed in the table. Away from there the best reports were 2 Berneray & North Uist **OH** in September and 2 Burghead Bay **M&N** in October and November. Otherwise there were singles in Shet, Ork (3), A&D (2), Clyde , Ayr and D&G.

Slavonian Grebe *Podiceps auritus*

Max counts	J	F	M	A	S	O	N	D
Burghead **M&N**	1	1	-	-	-	23	23	7
Eden Est. **F**	26	-	-	17	-	18	12	5
Ruddon's Point **F**	11	6	8	20	-	2	15	1
Aberlady **L**	6	3	1	2	0	0	6	0
Gosford Bay **L**	58	22	-	-	30	24	16	23
Musselburgh **L**	48	36	12	9	17	21	57	49
L.Indaal **Arg**	23	-	-	-	-	29	-	30
Ardmore **Clyde**	23	34	23	-	-	1	-	20
L. Ryan **D&G**	42	-	-	-	-	-	36	31

Winter/Spring: Other high early-year counts include 43 Whiteness/Walls **Shet**, 22 Sound of Gigha **Arg**, 13 Silverknowes **L** & 11 Cardross **Clyde** in January; 28 Rova Head/Kirkabister **Shet**, 28 Loch na Keal **Arg**, 23 Sound of Harris **OH**, 21 Bay of Sandoyne **Ork** & 12 Inganess Bay **Ork** in February and 12 Balgarva, South Uist **OH** in March. Elsewhere singles NE, A&D (2), Clyde Is (3) & Ayr (2). The last winter birds were seen on Fair Is, OHeb & Loth 11-16 April.

Breeding: *The RBBP detailed 40 pairs at 18 sites that reared 34 young. This was a welcome increase in both the numbers of sites and of pairs. There was a reduction in productivity from the record high of 2000. Loch Ruthven continues to dominate with 18 pairs and 23 young with the remaining sites having 22 pairs but managing just 11 young.* After Ogilvie & RBBP (2003), *British Birds* 96: 476-519.

M&N 7 pairs at 3 sites with 6 pairs raising 11 young, the most successful year since 1995 when 13 pairs reared 12 young. Summering birds were also noted: Shet (2), Ork (3), with singles OHeb & Fife.

Autumn/Winter: The first returning birds were at Musselburgh and Loch Leven **P&K** in late August; Fife & NE 29 August; Arg & Fair Is 2-4 September; and Shet, OHeb & Clyde 17-23 September. The only notable assage comment was up to 9 through Fair Is 18 September-5 October.

29 Whiteness, 25 Loch of Harray **Ork**, 20 Rova Head, 20 Loch na Keal, 20 Joppa **L**, 16 Echnaloch Bay **Ork**, 13 Loch Swannay **Ork** and 12 Balgarva in November-December.

Black-necked Grebe *Podiceps ruficollis*

Winter/Spring: There were just January singles at Loch Ryan **D&G**, Alturlie **H** and Gosford Bay **L**. The first on breeding sites were on 5 April in both A&D & Bord; P&K 22 April.

Breeding: *12 pairs in Central & Southern Scotland where 7 pairs definitely bredand a further 3 pairs probably bred. 9 young were known to have fledged.* After Ogilvie & RBBP (2003), *British Birds* 96: 476-519. **A&D** pair Kinnordy area raised br2; **P&K** 3 birds with 1 pair with probably incubating but later failed; **Fife** 4 pairs at a site where 8 young were reared, also pair Loch Gelly through May; **Bord** 2 pairs displayed at one site but no further evidence, 2 pairs at another site rearing at least 3 young.
Last at breeding sites A&D 24 June; Bord 22 August.

Autumn/Winter: Once again there were precious few reports, namely singles at Hule Moss **B** 18 October, Southerness **D&G** on 2 November and Loch Ryan 17-19 November.

Black-browed Albatross *Diomedea melanophris*

A first-second year bird **at sea** on Rockall Bank 3-4 August, attended the *M.V. Celnius* for 2 days at position 57° 25'N 13°28'W.

Northern Fulmar (Fulmar) *Fulmarius glacialis*

Breeding: *Breeding numbers decreased at the majority of colonies with large drops in NE Scotland, moderate decreases in Shetland and SE Scotland. Whole-colony and sample counts in NE Scotland revealed large-scale decreases since 1995 & 1998. In Shetland significant declines occurred at Sumburgh Head (-7%) and Burravoe (-16%) while whole colony counts in NE Scotland recorded 1,976 AOS between Buchan Ness and Collieston and 2,900 from Gamrie and Pennan, 30% and 34% declines respectively since 1995. There was also a 17% drop to 297 AOS at Sands of Forvie since 2000, A complete census of the Firth of Forth revealed a 7% drop since 2000 while St.Abbs Head dropped by 22% to 212 AOS. Only on the Isle of May on the North Sea coasts were numbers stable at 367 AOS. To the west variation from 2000 was slight with declines at Canna (-9%) & Colonsay (-14%) while numbers on Lunga increased by 11%. Overall success was lower in 2001 than 2000 at MBP 0.41 (1986-2000 mean = 0.42). Productivity declined in all areas except Orkney where there was mixed success, 3 colonies increasing and 3 decreasing. Decline also occurred at 5 of 7 monitored colonies on Shetland. While North Sutor (0.21) dropped to just average success, productivity on the Isle of May (0.26) was the lowest on record. St.Abbs Head (0.28) showed improvements for the third summer and was above average for the site (0.18). Ailsa Craig dropped a little to 0.50 while in NW Scotland success was poorest on St.Kilda at 0.30, a slight improvement on 2000. While Handa (0.45) suffered a drop, Canna improved a little to 0.48.*

	Monitored Sites			Breeding Success	
Area	**2000**	**2001**	**% change**	**2000**	**2001**
SW Scotland	1,106	1,096	-0.9%	0.53	0.50
NW Scotland	725	696	-4.0%	0.47	0.40
Shetland	2,977	2,664	-10.5%	0.46	0/38
NE Scotland	360	297	-17.5%	0.44	0.47
N Scotland	-	-	-	0.34	0.21
SW Scotland	451	379	-16.0%	0.27	0.23

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

Shet low numbers, poor success; **Fair Is** poor numbers, worst success since 1990, possibly due to changes in fishing legislation altering the rules on discards from boats; **Ork** losses of *c.*100 nests to sheep on Corn Holm; **OHeb** 20 AONs in dunes at South Dell, Lewis; **NE** bred Loch of Strathbeg & Newburgh Quay; **P&K** 3 on cliff above Loch Leven; **Is of May** 1% increase to 369 AONs but poor success; **Fife** fewer nests Inchcolm & Inchkeith but new site at Lucklawhill with 60 AONs and 31 young, good numbers at St.Andrews (79 young) & Dysart harbours (14 nests) with nests at 2 inland sites; **Loth** slight drop to 224 Inchgarvie, 185 Craigleith & 179 Fidra with 645 birds on coast and 13 inland; **Bord** 212 nests St.Abbs Head, the lowest since 1979 but improved success; **Arg** problems with avian predators on Sanda.

Passage: 2,300N Peterhead **NE** on 3 June were suprisingly early. Peak movement Machrihanish **Arg** 1,033 in 12 hours &700S passed Grimnish Point, North Uist **OH** 31 August with 1,000S Aird an Runair, South Uist **OH** the next day. Another movement 9 Septmber with 3,000/hr **Fair Is**, 906 in 2 hours Lossiemouth **M&N**, 200/hr North Ronaldsay **Ork** & 130/hr Eyemouth **B**. 1,000/hr Sumburgh Head **Shet** 30 October was the only other significant count.

Dark phase: Several St.Kilda **OH** in April-May. Mostly singles **Shet** with 1-4 birds through the year but 38 in October, including 9S/hr Sumburgh Head 5 September & 25S/hr on 30 October. Also1-2 birds Fair Is, Copinsay **Ork**, Machrihanish & Corsewall Point **D&G** May-November

Cory's Shearwater *Calonectris diomedea*

1 Grimnish Point, North Uist OH 28 June; 1 Kinghorn **F** 8, 12 & 17 July with the same individual at Hound Point **L** 17 July; 1N Fife Ness **F** 4 August. *5th for Lothian.*

Great Shearwater *Puffinus gravis*

3S Machrihanish **Arg** 31 August; 2 Balevullin, Tiree **Arg** 13 September; 2 Rubha Ardvule, South Uist **OH** on 2 October.

Sooty Shearwater *Puffinus griseus*

Summer/Autumn: Many areas - OHeb, M&N, A&D, Is of May, Fife, Loth, Bord & Arg - reported higher than usual numbers with Bord having its best-ever year with 829 birds (34 in 2000). Also record daily counts in Fife, Arg, Loth and Is of May. In contrast Ork had poorer numbers than usual.

With the exception of the first bird in June, the arrival in 2001 was staggered with the first wave at Fair Is, OHeb, Bord & Fife 7-17 July; Arg & Ork 18-19 August; then M&N, D&G, A&D, Is of May, Loth, Shet & Ayr 3-14 September.

	J	J	A	S	O	Total	2000
Shet	0	0	0	23	2	25	33
Fair Is	0	2	6	13	3	24	48
Ork	0	0	1	>106	>1	>108	542
OHeb	0	16	235	544	38	1163	371
N.Scot	0	1	0	665	95	763	10
M&N	0	0	0	57	0	57	7
NE	1	0	+	>331	4	>345	145
A&D	0	0	0	38	2	40	6
Is of May	0	0	0	2202	153	2355	148
Fife	-	1	15	606	21	643	77
Loth	0	0	0	134	0	134	3
Bord	0	1	3	825	0	829	34
Arg	0	0	>32	>948	0	>970	182
Ayr	0	0	0	2	0	2	2
D&G	-	-	-	1	-	1	1

First 1 Peterhead **NE** 3 June; 1 **Fair Is** 7 July; 1S Rubha Ardvule, South Uist **OH** 8 July; 3S Grimnish Point, North Uist **OH** 11 July; 1N Eyemouth **B** 15 July; 1N Fife Ness **F** 17 July. There were few in late July and for much of August with best count of 16S Rubha Ardvule 12 August. Large numbers appeared in late Augsut with 160 Grimnish Point, North Uist **OH** 31 August heralding an exceptional year.

The main movement in September with most birds initially off the west coast with 128S Rubha Ardvule, South Uist & 57S Frenchman's Rocks, Islay **Arg** on 1st; 320S Frenchman's Rocks, 208 Rubha Ardvule, 100S Grimnish Point, 90 Aird, Tiree **Arg** on 2nd; 120S Grimnish Point on 6th & 93S Frenchman's Rocks & 93S Machrihanish **Arg** on 7th.

The first good North Sea count was 39N Fife Ness on 3rd; 80 Fraserburgh **NE**, 53 Lossiemouth **M&N** & 37 North Ronaldsay **Ork** on 9th-10th. The peak was over the next fortnight with 419N St.Abbs Head **B**, 415N Fife Ness, 106 Girdleness **NE**, 98 Barns Ness **L**, 92N **Is of May**, 75 Bullers of Buchan **NE** & 16 Mains of Usan **A&D** on 17th-19th; 669 Is of May on 22nd with 643 there the next day; 220 Is of May & 100 Brora **H** on 25th; 494 Lothbeg Point **H** on 28th; 28 North Ronaldsay on 30th. October peaks were 150 Is of May on 3 October & 95 Strathy Point **H** on 18 October.

The last Arg, Loth, Bord, M&N and Ork 23-30 September; NE, Shet & Fair Is 6-11 October; Fife, OHeb & Is of May 20-27 Octpber; with the latest 2S Strathy Point on 3 November.

Manx Shearwater *Puffinus puffinus*

Spring: First 40 Haynish, Tiree **Arg** 28 March with 2S Ardivachar Point, South Uist **OH** 31 March. Then A&D 6 April; Ayr & Fife 16 April; Loth 28 April; D&G, NE, Is of May & Shet 10-18 May. Few significant counts away from the Hebrides before June: 350 Ardivachar Point 27 April; 70 Turnberry Point **Ayr** 1-2 May; 340 Tiumpan Head, Lewis **OH**, 300 Arinagour, Coll **Arg** & 200 Aird an Runair, North Uist **OH** 5-9 May; 600N Rubha Ardvule, South Uist **OH** 31 May. Good numbers were more widespread in early June with 110 Turnberry Point & 100 St.Abbs Head **B** 2-3 June; 400 Corsewall Point **D&G** 11 June; 66 Collieston **NE** 22 June; 90 Elie Ness **F** & 51 Peterhead **NE** 23 June.

Breeding: *Several surveys were carried out in connection to the 'Seabird 2000' project. On Rum **H** the breeding season was the most successful since 1997 with occupancy in monitored plots at 97% and MBP 0.73 (1994-99 mean = 0.68), Only 186 chicks were ringed due to poor weather and restricted access. On Sanda Arg breeding success was estimated at 0.82 in sample burrows. There was just one response to tape-playbank from 100 burrows on Canna **H**.*

Based on Mavor *et al.* 2002. Seabird numbers & breeding success in Britain & Ireland, 2001, JNCC.

Shet 8 burrowsFetlar with a low maximum of just 5 offshore; **OHeb** 39 young were attracted to lights at the St.Kilda Military Base; **Is of May** 1-3 birds continue to be heard calling from Manx Brae; **Arg** birds seen of Lunga, Treshnish Is. but no counts, 250 AOBs Sanda Is. where 71 ringed.

Summer/Autumn: Clyde/Solway: 850 Turnberry Point 24 June with 980 on 11 July and 3,000 on both 21 & 29 July; 1,476N/754S Cloch Point **Clyde** & 800 Mull of Galloway **D&G** 28 July; 1,200 Portencross **Ayr** 2 August; 2,800N/2,167S (2hrs) Cloch Point 5 August; 4,000 Troon **Ayr** 8 August; 3,000 off Ailsa Craig **Ayr** 20 August; 1,800-3,800 on several days at Turnberry 26 August-7 September peaking at a minimum of 11,000 there 8 September with 5,000 there the next day. 1,815N/3,075S (3hrs) Cloch Point 29 August with 1,911N/2,067S (3hrs) 31 August; 400 Corsewall Point 8 September with 600/hr there 13 September. Cloch Point had 36,542 bird/days compared to 15,030 in 2000.
Inner Hebrides: 1,000 off Machrihanish **Arg** 13 June; 7,500 (in 2.5 hrs) Frenchman's Rocks, Islay **Arg** on 18 August with 20,000 there on 2 September. 10,000 flew past Machrihanish (12hrs) with 1,000 off Balevullin, Tiree 7-8 September.
Outer Hebrides: 2,000-2,490 Rubha Ardvule on 28-29 July; 1,300 Grimnish Point, North Uist **OH** 1 August; 1,065 Grimnish Point 11 August; 3,700 Rubha Ardvule 12 August; 2,170 Rubha Ardvule 22 August; 3,550 Grimnish Point 31 August; fewer in September, max 700 Rubha Ardvule 8 September.
N.Isles: Fairly tiny numbers with maximum counts of 3 Lamba Ness **Shet** 11 July & 7 **Fair Is** 23 July. Better numbers **Ork** with 49 Copinsay Pass 21 August; 20 Mull Head, Papa Westray on 3 September & 25 North Ronaldsay 10 September.
North Sea: Numbers were very poor north of the Tay, best counts of 26 Lossiemouth **M&N** 8 August & 65 Mains of Usan **A&D** 14 August. Counts were more productive in the Forth with 89 Fife Ness **F** & 55E/165W Kinghorn **F** 8 July; 71 St.Abbs Head **B** on 14 July; 720 fed off Cramond Is. **L** on 17 July; 109 & 182 Fife Ness 4 & 6 September; 151N Eyemouth **B** 17 September; 52 **Is of May** 24 September. Numbers were low in Fife but better than in recent years in Loth & Bord.
Last Shet, M&N, A&D & Clyde18 August-9 September; Fair Is, NE & Bord 18-25 September; Ork & Is of May 1-14 October; Arg, OHeb & Loth 20-31 October; D&G & Ayr 3-4 November; Clyde Is on 24 November. The latest birds were singles off Kinghorn 26 November & Anstruther **F** 2 Dec.

Balearic Shearwater *Puffinus mauretanicus*

A bumper year.
On western coasts: 1 Rubha Ardvule, South Uist **OH** 24 July; 3-4 Turnberry Point **Ayr** 28 July; 1S Rubha Ardvule 29 July; 1 Troon **Ayr** 8 August; 1 Machrihanish **Arg** 10 August with 14 others on 6 dates, maximum 3 on 26 August; 1S Grimnish Point, North Uist **OH** 12 August; 4 Frenchman's Rocks, Islay **Arg** 18 August; 2 Frenchman's Rocks 25 August; 1 Turnberry Point 26 August; 1S Grimnish Point 31 August; 3 Aird, Tiree **Arg**, 3 Turnberry Point & 1 Frenchman's Rocks 2-3 September; 3 Turnberry Point and 1 Rubha Ardvule 7-9 September; and 1 Rubha Ardvule 12 September.
On North Sea coasts: 1 Eyemouth **B** 15 July; 1N Fife Ness **F** 3 August; 1 St.Abbs **B** 15 August; 3N St.Abbs & 1 N Eyemouth **B** 8-9 September; 2N Fife Ness 16 Sep; 5N St.Abbs, 3N Eyemouth & 1N Girdleness **NE** on 16-21 September; 1 Fife Ness 20 October.

European Storm-petrel (Storm Petrel) *Hydrobates pelagicus*

Spring: The first was seen from the Uig-Lochmaddy ferry **OH** on 25 May, followed by 2 from the **Fair Is** ferry & 1N at Rubha Port Scolpaig, North Uist **OH** 29 May. Small numbers were seen around Fair Is in June but larger numbers not until July. Also 1 Machrihanish **Arg** on 7 June with 2S Grimnish Point, North Uist **OH** 28 June 1S there the next day.
Breeding: *Mousa had a late season and wet July weather is thought to have adversely affected breeding success. 35 chicks were ringed on 11 September, none of which were near to fledging. In addition there were 3 other nests with eggs, 9 with small chicks, 4 with dead chicks and 16 nests with addled or abandoned eggs. A playback survey of 31 sites in Yell Sound yielded a total of 600 AOS at 14 sites. Playback at North Rona had 147 responses, equating to 414 AOS, while Sula Sgier had an estimated 8 AOS. Surveying on 3 islands in the Sound of Harris drew a blank on Pebbay & Coppay but had 131 responses on Shillay, equating to 328 AOS.* Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.
Ork 309 responses Sule Skerry in July suggesting 350-500 pairs, sampled sites on Auskerry elicited 173 responses and an estimated population of 680 AOS, a big decline from the 3,500 AOS in 1995, in addition Hunda & Copinsay, former breeding islands, were unoccupied; **Arg** 450 pairs Lunga (1,700 in 2000) but there were some reservations about the playback survey methods, calls were also heard on Fladda, Cairn na Burgh Beg & Cairn na Burgh More, retraps on Sanda suggested stable numbers at *c*.200 pairs. Ringing totals: Fair Is 444, Ork 338, M&N 6, NE 81, Is of May 41, Fife 148, Bord 3, Arg 426.

Autumn/Winter: 377S Machrihanish, 34 Rubha Ardvule, South Uist **OH** & 11Sumburgh Head **Shet** on 7-8 July; 10 Barra **OH** & 8 Troon **Ayr** on 11-12 July; 28 Dennis Head, North Ronaldsay **Ork** and 2 Dumroof Bank **D&G** 16-19 July; 296S Rubha Ardvule, 10 Sound of Pabbay **OH** & 4 at Brora **H** 26-29 July; 56 Tiumpan Head, Lewis **OH**, 55S Grimnish Point & 22S Rubha Ardvule 12-16 August. 25 Uig ferry & 3N Turnberry Point **Ayr** 19-20 August; 15 Frenchman's Rocks, Islay **Arg** & 2 Dennis Head 7-8 September.

Fewer off east coast with: 1 Fowlsheugh **NE** 27 June; 165 Fraserburgh Bay **NE**, 51 trapped Fife Ness **F** & 1 Girdleness **NE** 30-31 July; 104 Fraserburgh Bay & 32 trapped **Is of May** 4-5 August. Last regular birds OHeb, NE, Arg, Fair Is & Fife 11-20 September; Fair Is & D&G 1-21 October. 1S Grimnish Point & 2 Strathy Point **H** 27-31 October with the last 2S Grimnish Point on 2 November.

Leach's Storm-petrel (Leach's Petrel) *Oceanodroma leucorhoa*

Winter/Spring: 12 trapped Sule Skerry **Ork** 25 June-6 July were the first birds of the year.

Breeding: *No birds were found on Sule Skerry using playback, despite being often caught in nets during the breeding season. On the Flannans 1,425 AOS were estimated from playback, mostly on Eilean Mor (567) & Eilean Tighe (630). There were 5 responses to tapes on Old Hill, Loch Roag, Lewis (25 in 1994), a Mink was seen in the vicinity. The first accurate survey of North Rona revealed 2,263 AOS making this the largest British colony after St.Kilda. Sula Sgeir held an estimated 9 AOS.* Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

Autumn/Winter: 1 Cove **NE** 14 July; 2 Kinnaird Head **NE** & 1 St.Abbs **B** 22-24 July; 3 North Ronaldsay **Ork**, 1 trapped Fife Ness **F** & 1S Rubha Ardvule, South Uist **OH** 26-28 July; singles Cove, Fair Is (2),Kinnaird Head & Fair Is ferry 1-7 August; 2 Fair Is 13 August; 1 Uig ferry **OH** 20 August. 48S Frenchman's Rocks, Islay **Arg**, 40S Machrihanish **Arg**, 28S Rubha Ardvule, 5S Grimnish Point, North Uist **OH** & 1 North Ronaldsay 1-3 September; 5S Grimnish & Kinnaird 7-9 September; 107 Machrihanish, 88 Corsewall Point **D&G**, 61 Frenchman's Rocks, 40S Rubha Ardvule & 6S Barra Head **OH** on 12-15 September; 43S Rubha Ardvule, 3 Strathy Point **H** & 1 Machrihanish on 2-3 October; 2 Corsewall 21 October; 1 S Grimnish 27 October; 1 Chanonry Point **H** 6 November; 1 Tarbat Ness **H** 17 November.

Northern Gannet (Gannet) *Morus bassanus*

Breeding: *There was a 21% population increase on Fair Isle from 2000. Troup Head had 1,228 AONs, a 13% increase since 1998 but the rate of increase there seems to be slowing compared to the 99% increase between 1995-98. Breeding success was measured at 5 colonies and averaged 0.71, just above the 1986-2000 mean of 0.65. While the three Shetland colonies (Hermaness, Noss & Fair Isle) showed slight average increases (+0.12), Troup Head (-0.03) & Ailsa Craig (-0.07) showed slight declines.* Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2002**. JNCC.

Shet breding success on Noss was the highest on record at MBP 0.86; **Fair Is** a new sub-colony started on Sheep Rock with 1 pair in 1999 has now expanded to 5 pairs. First fledged young Shet 15 July; St.Kilda **OH** 27 August. First juveniles seen off Frenchman's Rocks, Islay **Arg** were on 26 August.

Passage: Not susprisingly the best totals were near large colonies. 200 daily off St.Kilda **OH** in January; 2,000 off North Berwick , 204 (2hrs) Dunaverty Bay **Arg**, 200N (2hrs) Fife Ness **F** in February; 500 Cove **NE** & 101/hr St.Abbs **B** in April; 2,100/hr Eyemouth **B** & 1,010 Peterhead **NE** in May; 636/hr Girdleness **NE** in June; 1,200 Rubha Ardvule, South Uist **OH** in July.

With both adults feeding and juveniles fledging, the best counts are always in September - 4,500/hr Eyemouth, 1,400 Rubha Ardvule, South Uist **OH**, 709 Lossiemouth **M&N** & 468/hr Kinghorn **F** with 750S Grimnish Point, North Uist **OH**, 400N Portencross **Ayr** & 240/hr North Ronaldsay **Ork** in October. 4W Camelon **Forth** 25 October were probably heading overland for the Clyde, as may have been 1 juvenile at Aird Meadow **Clyde** on 2 November.

Great Cormorant (Cormorant) *Phalacrocorax carbo*

Winter/Spring: The largest counts are always form the sheltered firths and estuaries with 367 South Forth **L**, 279 North Forth **F**, 224 Clyde Estuary **Clyde**, 143 Tay Estuary **F/A&D**, 140 Lady Is **Ayr**, 130 Port O'Warren **D&G**, 130 Earn Mouth **P&K**, 116 Berwickshire coast **B** with 50 South Yell Sound **Shet**.

The best inland waters are 320 Loch Leven **P&K** which held 320 in January & Strathclyde Loch **Clyde** with 90 in March. while on the rivers the best count was 22 Kelvin Mouth, Glasgow **Clyde** in February.

Breeding: *In Shetland 5 colonies were found to have increased by 27% to 243 AONs between 1999-2001, the highest total since 1991. North Sutor declined from 186 to 181, the second-lowest there since 1991. 5 colonies in the Firth of Forth had 372 AONs, a 15% decrease from 2000, numbers falling proportionally greatest on Craigleith (-32%) & Inchkeith (-19%). In Argyll a 10% decline occurred in Clive Craik's study area, including some site switching. It was an early and successful season in Shetland with an average MBP 2.80 while on North Sutor success was high in a sample at 2.47, well above the 2.02 mean for the site. In W Scotland success was poorer at 1.61, perhaps due to total breeding failure at one site.*

OANs	SW Scot	Shet	SE Scot
2000	173	87	440
2001	155	129	372
% change	-10.4	+48.3	-15.4

MBP	N Scot	Shet	W Scot
2000	2.45	-	1.83
2001	2.47	2.80	1.61

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

Shet 122 nests Clett Stack with 122 nests at 3 other sites; **Ork** 70 nests Boray Holm but bred 4 other sites; **OHeb** 158 nests Monach Is with 52 nests Loch an Tomain, North Uist; **NE** 9 nests Loch of Strathbeg; **Arg** 127 at 4 sites; **Ayr** 58 nests Finnarts Point.

Autumn/Winter: 86 Arbroath Cliffs **A&D**, 68 Mersehead **D&G** & 60 Ythan Estuary **NE** in July-August, rising into winter with 373 North Forth, 208 South Forth, 117 Girdleness **NE** & 101 Grangemouth in September; 528 Clyde Estuary, 240 roosting on the wreck of *M.V. Captyannis* wreck **Clyde** & 120 Loch of Strathbeg **NE** in October; 421 Loch Leven **P&K** , 228 South Yell Sound, 197 Tay Estuary, 114 Loch of Clunie **P&K** & 110 Hildasay **Shet** in November-December.

Continental Cormorant *A.c.sinensis*

1 Loch Spynie **M&N** in February & July-November with 3 there in December.

European Shag (Shag) *Phalacrocorax aristotelis*

Winter/Spring: 1,068 South Yell Sound **Shet**, 692 Berwickshire coast **B**, 650W Anstruther **F** & 159 Clyde Estuary **Clyde** in January; 1,400 Kincraig Head **F**, 600 Sound of Harris **OH** & 475 Rova Head **Shet** in February; 320 Eyemouth **B** in March; 150 Lady Is **Ayr** in April.

Breeding: *Numbers reach a new high on North Sutor for the 5th year to 322 AONs. Colonies in NW & SW Scotland decreased slightly from 2000. Two sites in NE Scotland had increased since 1995, up 86% between Boddam & Collieston & 19% from Gamrie to Pennan. Both areas had still to reach the numbers prior to the 1992 wreck. The Isle of May showed a 36% increase since 2000 to 734 AONs, the 8 Forth islands up 27% to 609 AONs & St.Abbs Head up 29% to 300 AONs. Again SE Scotland still had some way to go to recover to the early 1990s numbers. 4 Shetland colonies had a slight decrease from 2000 but another 12 last monitored in 1999 showed a 42% increase to 1,127 AONs. Numbers there suggest that the gradual increase since the mid-1990s continues although some areas are still below the levels of the mid-1980s. While numbers were stable on Canna, the Eigg population fell by 22%, the lowest since 1986. Handa was also down (53%) perhaps due to desertion early in the season. Numbers also fell on Lunga by 24% to 197 AONs. Productivity on Sumburgh Head was 1.20, much improved after the gales of 2000 (0.89) and this improved was shared by Foula which doubled to 0.96. Fair Isle had a poorer year with 1.58, although still above average. North Sutor had good success at 1.74 (mean 1.52). Isle of May had recordsuccess at 1.68 (mean 0.81) and while St.Abbs only managed a lower 1.51, it was still well above average 1.26.* Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2002**. JNCC.

OANs	SW	NW	Shet	N Scot	SE
2000	1095	965	643	292	1283
2001	1048	925	617	322	1682
% change	-4.3	-4.1	-4.0	+10.3	+31.1
MBP					
2000	1.48	0.86	1.04	1.66	1.54
2001	1.10	0.67	1.27	1.54	1.60

Autumn/Winter: Movements involving daily counts of 1,210N (4hrs) Eyemouth in July, 1,150W Anstruther in December & 1000+ Peterhead **NE** in October & December were fairly exceptional. The best site counts were between October and December with 2,185 Kincraig Head, 1,690 South Yell Sound, 1,127 Wyre Sound **Ork**, 1,690 South Yell Sound, 1,471 Bluemull **Shet**, 500 Widewall Bay **Ork** & 350 Sound of Barra **OH**.

Great Bittern (Bittern) *Botaurus stellaris*

Winter 00/01: 1 Bennybeg Pond **P&K** from 2000 to 6 January; then Januray singles at Skaill, Eday **Ork** on 5th, later seen Evie **Ork** on 7th; Castle Loch, Lochmaben **D&G** on 11th; Lochore Meadows **F** 17th & Whiteloch, Colvend **D&G** on 19th-20th. 1 Aber Bog, Endrick Mouth **Clyde** 9 & 16 February.

Winter 01/02: 1 Hirsel Lake **B** 30 September; 1 Ken-Dee Marshes **D&G** 26 November; 1 Loch of Strathbeg **NE** 9 December. *An exceptional year with 9 birds and the first for Fife since 1925.*

Snowy Egret *Egretta thula*

1 Seil Island **Arg** 5 November-25 November; moved to Brodick, Arran **Clyde Is** 3 December & Clauchlands, Arran **Clyde Is** 18 December.

It was later relocated at Ardrossan **Ayr** 22 December into 2002 before returning to Seil via Dumfries & Galloway. *The first record for Britain.*

For details see Jackson, B (2002) *Birding Scotland* 5:10-14 & Jackson, B (2004) *British Birds* 97: 270-275.

Snowy Egret, Loch Gair, Argyll
Photos: Jim Duncan

Little Egret *Egretta garzetta*

1 Ythan Estuary **NE** 6 May; 1 Tyninghame **L** 25 May-15 June and 1-15 July; 1 Castle Corner, Caerlaverock **D&G** 4 June; 1 Musselburgh **L** 21 August; 1 Browhouses **D&G** 8 September later at Torduff Point **D&G** 9-15 September; 1 Tongland Bridge, Kirkcudbright D&G 7 October.
Seventh record for North-east Scotland. The Lothian birds were assumed to be the same individual.

Great Egret *Egretta alba*

1 Tyninghame **L** 21 June; 1 River Tweed at Walkerburn **B** 28 October.
Second record for Lothian & for Borders.24th-25th for Scotland.

Grey Heron *Ardea cinerea*

Counts: 64 Clyde Estuary **Clyde**, 40 Hunterston **Ayr**, 21 Loch Leven **P&K** & 15 Graemeshall Loch **Ork** in January; 27 West Burra **Shet** in March; 38 Eden Estuary **F** in June; 44 Ythan Estuary **NE**, 38 Finlaystone Point **Clyde** & 22 Findhorn Bay **M&N** in August; 55 Montrose Basin **A&D**, 46 Hunterston & 22 Wigtown Bay **D&G** in September; 90 Clyde Estuary, 28 Uyea Sound **Shet**, 25 Loch Etive **Arg** & 22 Loch Earn **P&K** in December. There was a definite influx to N&W Isles in late summer, peaking mid September to mid October, with 1-2 birds on 4-5 dates St.Kilda **OH** July-September. Also max 5 **Is of May** in September.

Breeding: **Ork** the Hoy colony has been slowly declining but 4 young were fledged; **OHeb** prospecting 2 new sites. Largest colonies reported were at 52 Barmichael Plantation, Hamilton **Clyde**, 32 The Haining **B**, 31 Finlaystone Estate **Clyde**, 25 Newburgh **NE** & 23 Castle Is., Loch Leven **P&K**.

Area	Colonies	Nests
Ork	1	2
OHeb	5	44
M&N	3	18
NE	2	11
P&K	3	36
Fife	6	55
Loth	2	25
Bord	8	74
Arg	4	29
Clyde Is	3	8
Clyde	14	179
Ayr	2	5
D&G	2	14

Black Stork *Ciconia nigra*

1 Spean Bridge **H** 18 May.
The fourth record for Highland & 18th record for Scotland. First since 1998.

White Stork *Ciconia ciconia*

Some escapes/feral birds areound early in the year - 1 Irvine **Ayr** 2 January was later seen Culroy **Ayr** & Ayr **Ayr** 5 January, then Ardwell **D&G** 12 January and at Portpatrick **D&G** around 18 January before returning to Irvine 14-25 January. A second bird was at new Cumnock **Ayr** 8 January.
3 colour-ringed birds at Coldstream **B** on 23 March were probably feral birds.
1 Lumsdaine Farm **B** 11 April was more convincing as a wild bird.

Glossy Ibis *Plegadis falcinellus*

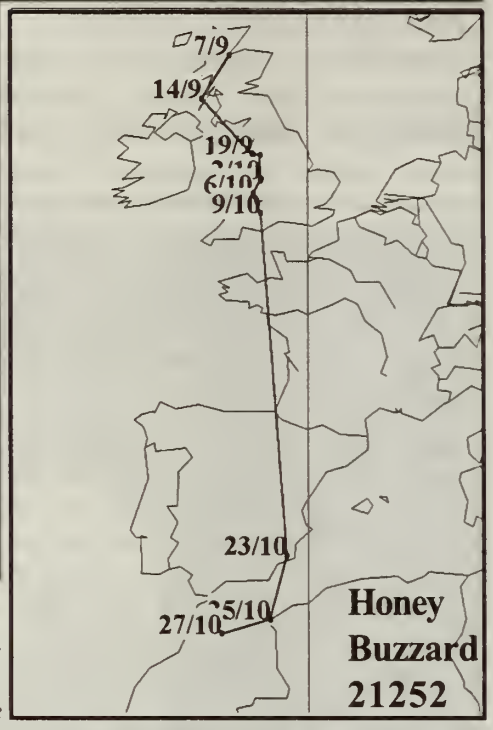
1 South Nesting **Shet** 2-14 October, travelled to Houster, Tingwall on 19-23 October, then to Lerwick on 25 October. It was part of a widespread influx of *c.*15 birds. *Third record for Shetland & 39th for Scotland.*

Eurasian Spoonbill *Platalea leucordia*

1 Loch of Strathbeg **NE** 30 May-20 August but no repeat of breeding attempt. 2 Mersehead **D&G** 4-10 June; 1 Montrose Basin **A&D** 2-10 June; 2 Ythan Estuary **NE** 26 June-25 August; 1 Caerlaverock & Shearington Pond **D&G** 23-27 July; 1st-w Pow Burn **Ayr** 4-5 November. *Fourth record for Ayrshire.*

European Honey-buzzard (Honey Buzzard) *Pernis apivorus*

Spring: 1 Dutterpool **Ork** 16 May; 1 **Is of May** 5 June.
Breeding: **High** 2 pairs were monitored, both rearing 2 young; **P&K** a single at a known site in June.
Autumn: 1 **Fair Is** 23 July.



Account from radio-tagged Honey Buzzard website.
Our first attempt at studying the migrations of Honey Buzzards from northern Scotland was started in 2001 and was very interesting. Disappointingly, we were unable to catch the adults which would probably have given us more reliable information on their wintering grounds in West Africa, as well as the migration routes of the adult birds. The young birds gave us much important information on the fortunes of late hatching young. Both chicks stayed near their nests for about two weeks before migrating in a southwest direction. The older chick travelled slowly down through the western side of England and finally crossed into North Africa on 25th October, after which we received no further radio signals. The younger bird crossed to Ireland and spent a month there before heading out into the Atlantic Ocean on 29th October, again the radio stopped transmitting and we do not know whether it reached Spain or it died at sea. Our first autumn's data is already revealing the risks to late nesting honey buzzards, especially Northern Scottish birds, but it was good news that the first chick, from such a late brood, reached Africa.
Quotes and use of pictures with permission from Roy Dennis at: *www..roydennis.org*

Black Kite *Milvus migrans*

[1975] 1 Unst **Shet** 11 June is now considered inadequately documented.

Red Kite *Milvus milvus*

Winter/Spring: 35 roosted Braes of Doune **Forth** 28 January with 49 there on 13 February. Away from the introduction sites birds were noted in Forth (6 records), Clyde (3), Bord (2) with singles M&N, NE, Fife, Arg & Ayr and some birds lingering into June in Clyde.

Breeding:

A minimum of 5 birds were known to have been killed by the poison carbofuan. This agricultural insecticide is widely used in illegal poisoned baits. Illegal poisoning is the greatest cause of mortality in the Scottish Red Kite population. Between 1989 and 1998, analysis has revealed that 37.5% (93 birds) of kites that released or bred in northern Scotland, were killed by feeding on poisoned baits. This level of persecution has slowed the expansion of the Red Kite population.

N. Scotland Year	pairs found	pairs laid	pairs hatch	pairs fledge	% laid fledge	total fledge	MBP
2000	37	33	33	31	94%	76	2.3
2001	40	34	31	31	91%	77	2.3

C. Scotland Year	pairs found	pairs laid	pairs hatch	pairs fledge	% laid fledge	total fledge	MBP
2000	8	7	5	5	71	10	1.4
2001	11	10	7	7	70	17-18	1.7-1.8

13 kites that had been illegally removed from the wild in Germany were made available for the Scottish reintroduction scheme. 6 were released in central Scotland with the other 7 going to the new release site in Dumfries & Galloway. 12 chicks from nests in the Highlands and 14 from nests in the Chilterns were also released at this site in early August. These young were all removed under licence from nests containing 3-4 young. **2000 & 2001 Raptor Round Up. *Scottish Birds* 24: supplement 2003**

Autumn/Winter: 20 Braes of Doune 13 September with maximum 50 there on 28 November although 62 individuals were identified by their wing-tags in the autumn, included 5 from the Black Isle.
Birds noted Arg (4), D&G (3), Clyde Is (3), NE & M&N (2) with a single report A&D.

White-tailed Eagle *Haliaeetus albicilla*

Breeding:

Breeding Success	92	93	94	95	96	97	98	99	00	01
Sites occupied	10	10	11	14	14	14	18	20	21	24
Territorial pairs	8	8	10	10	12	14	18	15	21	23
Clutches laid	9	6	8	9	12	12	16	15	19	17
Clutches hatched	4	4	4	6	8	6	9	9	12	10
Broods fledged	4	4	4	5	7	5	9	6	8	7
Young fledged	7	5	5	7	9	9	13	11	12	11
Mean Brood Size	1.00	0.83	0.63	0.70	0.75	0.64	0.81	0.69	0.63	0.65
Mean productivity	0.88	0.63	0.50	0.64	0.75	0.64	0.68	0.55	0.55	0.48

23 areas were occupied by territorial pairs with another territory occupied by a single adult. As in 2000 there were no trios. 17 pairs were known to have laid eggs and breeding was suspected at another 2 sites. Two pairs built up nests but did not breed and 2 territorial pairs did not breed. 7 pairs were successful but 10 confirmed pairs failed. At present all nest failures are thought to have been the result of natural causes. 11 young were fledged (4 x br2 & 3 x br1). 2 pairs were confirmed to have bred for the first time, one successfully while a third pair, newly on territory, did not breed. For the first time birds from the original series of releases were outnumbered by wild-bred birds. 2 of the new pairs of birds each compromised one wild-bred bird and one from the second series of releases, the first time this has been recorded.

There were 220 reports of wing-tagged birds in 2001. 22 were of birds reported as definitely being untagged and 127 of birds definitely with tags. 124 of the tagged birds could be referred to particular years. One seen in Shetland in June had been ringed as a nestling in Norway while an adult released in Scotland in 1993 was seen in Norway.

Sea Eagle Project: Newsletter 2001. RSPB, SNH.

2001 Sightings	
Argyll	2
Badenoch	3
Caithness	1
Clyde	1
Easter Ross	4
Lochaber	1
Lochalsh	2
Mull	15
Nairn	1
Outer Hebrides	1
Rum	2
Skye	5
Sutherland	9
Wester Ross	5

1 tagged bird at the Old Man of Hoy **Ork** in April; 1 untagged but colour-ringed adult Hermaness **Shet** in May was seen sporadically until July was the Norwegian bird referred to above, also an immature **Fair Is** in May; 1 North Ronaldsay **Ork** & 1 Harray **Ork** in June may have also been this individual.

Many birds Mull **Arg** but 1 reached Islay **Arg**, 2 reached The Gravellachs and singles were seen at Clachan Seil, Loch Freochan, Gallachoille, Ledaig & Port Appin, all in **Arg**.

Eurasian Marsh Harrier *Circus aeruginosus*

Area	Mar 1-31	Apr 1-15	Apr 16-30	May 1-15	May 16-31	Jun 1-15	Jun 16-30	Jul 1-31	Aug 1-31	Sep 1-30	Oct 1-31	Total casuals
N&W Isles	1	2	2	2	7	-	-	-	3	3	1	14
N.Scot	1	-	-	-	-	-	-	-	-	-	-	1
NE Scot	-	1	3	3	7	7	9	8	10	3	-	10
E/C Scot	-	1	2	2	4	2	2	-	1	1	-	6
SE Scot	1	1	1	2	1	1	-	-	2	-	1	10
W Scot	-	-	1	2	2	1	1	2	1	2	1	8
SW Scot	-	-	-	-	-	-	2	1	-	-	1	4
Total	**3**	**5**	**9**	**11**	**21**	**11**	**14**	**11**	**17**	**9**	**4**	**53**

Note this table does not include records of known breeding birds.

Winter/Spring: First single at Dunnet Head **Caith** 23 March preceded the first in Loth, Ork, Fair Is & P&K 28-31 March; M&N & Fife 5-8 April; OHeb, Bord, A&D, NE & Clyde 14-27 April; Arg 5 May; Shet 22 May. There is the possibility that the 4 Shet records in May & the 3 Ayr/D&G records in June/July may refer to same wandering individuals.

Breeding: **Ork** 2 bigamous males and four females together reared 9 young; **NE** 2mm, 1f & 1 immature Loch of Strathbeg, at least 1 summered Ythan Estuary, also a single pair failed at undisclosed location; **Tayside** 3 nests, 2 failed with br3 at the third; **Fife** unsuccessful nest (did not lay) at undisclosed site; **Arg** 1f summered Islay.

2000	pairs located	pairs laying	nests hatched	nests fledged	young
North-east	1	1	1	1	4
Tayside	5	4	4	4	12
Total	**6**	**5**	**5**	**5**	**16**

2001	pairs located	pairs laying	nests hatched	nests fledged	young
Orkney	4	4	4	4	9
North-east	1	1	0	0	0
Tayside	3	3	1	1	3
Total	**8**	**8**	**5**	**5**	**12**

Autumn/Winter: Last birds in A&D, Shet & NE on 6-21 September; Ork & Ayr on 1-7 October; Bord on 24 October; Loch Gruinart, Islay **Arg** 25 October.

Hen Harrier *Circus cyaneus*

The best roosts were, as usual, reported from **Ork** with 7-8 at Durkadale January-February rising to12 in March. The addition of summer recruitment meant 12-18 there in October and 15-17 in December. However there were none at Loch of Banks early on with justa single there in March, November & December. The Cottascarth roost seems to be extinct. **Arg** had 2-3 Moine Mhor in January-February with 4-8 there October-December and 4 Loch Gruinart, Islay in both the early and late year. A Deeside **NE** roost held 6 birds in January while there were 3 at a Wigtownshire **D&G** roost October-December. 1-2 Coldingham Moor **B** in the early year with 1-3 there in October-November. Finally there were 1-2 at the Loch of Mey **Caith** January-March.

Breeding: ***Ork*** *increasing in attempts but lower productivity;* ***High*** *4 nests failed due to natural causes with 3 being predated;* ***NE*** *high success from 2000 maintained with the most successful nests being on estates protected by SNH, Police and NESRSG;* ***Tayside*** *coverage poor but gradual decline with large areas devoid of birds and less than half the monitored nests succeeding, especially those on grouse moors;* ***Central*** *5 pairs bred but success not known due to restrictions;* ***Argyll*** *only 9 failed from 43 attempts, fledging 92 young;* ***Uists*** *14 sites monitored reared 27 young with breeding suspected at 11 other sites;* ***SW Scot*** *F&MD restrictions prevented access in D&G in S.Strathclyde 3 failed with attributed to human interference;* ***SE Scot*** *no access.*

RSG	Sites	Broods	Young	MBP
Orkney	32	15	31	0.97
OHebs	25	14	27	2.05
Highland/M&N	18	14	43	2.39
NE Scot	14	11	38	2.71
Tayside	18	7	19	1.06
Arg & Bute	43	28	92	2.14
SW Scot	7	3	11	1.57
Totals	**132**	**92**	**261**	**1.98**

2000 & 2001 Raptor Round Up. ***Scottish Birds*** **24: supplement 2003**

Clyde 20 territories Lanarkshire with 5 successful nests fledged 16 young elsewhere.

Breeding was generally good, where access was allowed, with a substantial increase in MBP (1.45 in 2000), although many of the unmonitored areas suffer persecution and generally lower productivity.

Casual records: Shet 9, Fair Is 3; M&N 8, NE 25, A&D 24, Fife 14, Forth 38, Loth 6, Bord 12, Clyde 44 & Ayr 8. Numbers were generally down, probably due to restrictions.

Pallid Harrier *Circus macrourus*

The juvenile that roosted at Brow Marsh **Shet** on 8-15 September, the third Shetland record, may have been present from 2 September.

Montagu's Harrier *Circus pygargus*

1 Ythan Estuary **NE** 24 August & 1 September. *Accepted as a Momtagu's Harrier although a female Pallid Harrier could not be ruled out in this instance.*

Northern Goshawk (Goshawk) *Accipiter gentilis*

The best reported population is in **Bord** where 36 territories had excellent breeding succcess and showed signs of further expansion, with spill-over into a new site in Loth, which was successful. However the only other successful Loth site was clear-felled. Two Bord nests near Jedburgh and Peebles failed under suspicious circumstances. The other well-reported area was **NE** (including **M&N)** with 20 active territories. The other large area with Goshawks, **D&G** went unreported due to access restrictions associated with F&MD.

sites	checked	territory	eggs	hatched	young	MBS
Highland	8	5	-	3	6	2.0
NE Scot	28	20	19	15	48	2.7
Tayside	5	5	-	4	10	2.5
SE Scot	46	36	30	26	73	2.9

Casual records do provide some guide to the presence of this shy and retreating species with A&D 27, Bord 22, D&G 13, Clyde & NE 6, M&N 4, Fife 3, Clyde Is 2.

An immature reached Binscarth Wood **Ork** in October.

Eurasian Sparrowhawk (Sparrowhawk) *Accipiter nisus*

Sparrowhawks are usually absent from Shet in winter so a wintering bird at Kergord **Shet** was unusual. The first passage birds reached Shet on 27 February & Fair Is on 31 March. During the spring passage in April-May there were *c*.20 Ork reports, 10 Shet, 10 Fair Is, 4 OHeb & 2 Is of May.

The only breeding studies was in **Loth** where 37 nests were found in Edinburgh with 24 nests rearing 77 young ,MBP 2.08. This compared to 2.50 in a 1986-89 study. 2 nests were robbed of 4 young each,

4 young were found dead beneath a nest and 2 others nests were predated. In **Ork** birds were present at 7 sites with 4 broods fledged, where a single brood is more normal, the success was attributed to the presence of many Crossbills in the summer months. 6 nests were reported in Dundee **A&D**. Confirmed breeding is, as usual, thinly reported with A&D 14, Arg 7, Bord & Clyde 5, NE 2 and single nests/broods Forth & Clyde Is. The level of casual reports ran as follows: Clyde 213 records (just 5 observers), Bord 161, A&D 110, NE 94, Forth 65, Loth 46, Fife 38,

First migrants OHeb 14 August; Fair Is & Shet 14-20 September with *c*.22 Shet & 9 Is of May. Best counts were 3 Windwick, South Ronaldsay **Ork** 28 September, 3 Drums **NE** 19 October, 4 **Fair Is** 22 October & 3 Pitcox **L** 25 December.

A bird pursuing House Sparrows in Lossiemouth **M&N** in August got trapped in a lobster creel !

Common Buzzard (Buzzard) *Buteo buteo*

The population expansion continues apace with many areas reported increased numbers and new areas colonised. Breeding studies showed 51 pairs Easter Ross with a high productivity at MBP 1.35 while 15 nests in N&W Sutherland managed MBP 1.87 & Badenoch birds 1.85. There was a drop in production in the 18 nests studied in Skye & Lochaber with MBP 1.28. 8 pairs Bute fledged 19 young, MBP 2.4. In Forth there were 12 pairs Menteith-Doune witha debsity of *c*.1.0/km^2. In Borders there were reported from 15 new tetrads and the Gala Water study area increased from 26 to 29 territories, with a density of 0.48pr/km^2 . Confirmed breeding reports include M&N 9, NE 4, while there were 55 pairs Clyde, *c*.45 Fife, 30 Bute **Clyde Is**, 24 Ayr, 19 Loth & Ork 3 pairs. Casual records: Clyde 1,128, Bord 535, NE 113.

2000	terrs	Occup laid	Clutches fledged	Nests young	MBS	No. of MBP
Orkney	1	1	-	-	0	0
OHeb	19	-	-	41	-	2.2
High	130	119	96	202	2.1	1.6
Forth	11	11	11	22	2.0	2.0
SE Scot	43	-	30	67	2.2	1.6
Argyll	82	-	66	128	1.9	1.6

2001	terrs	Occup laid	Clutches fledged	Nests young	MBS	No. of MBP
Orkney	3	1	1	2	2.0	1.5
OHeb	21	-	-	38	-	1.8
High	102	97	82	153	1.9	1.5
Forth	12	-	10	27	2.7	2.3
Fife	18	-	8	18	2.3	1.0
SE Scot	39	-	5	10	2.0	-
Argyll	65	42	39	72	1.8	1.5

Maximum counts: 19 Kilconquhar Loch **F** & 18 Kirkton **D&G** in March; 20 Muirshiel **Clyde** & 12 Balintore **A&D** in May; 25 Blairpark-Muirhead **Ayr**, 24 Glen Clova **A&D** & 14 Ludquharn **NE** in August; 15 Ythan Estuary **NE** in October; 15 Blairgowrie **P&K** in November.

4-legged chick in Moorfoots **L** had one normal and one vestigial foot between the normal pair and the tail!

Rough-legged Buzzard *Buteo lagopus*

Winter/Spring: 1 adult f Mersehead **D&G** 9 April.

Autumn/Winter: 1 Skelberry **Shet** 4 November; 1 Eshaness **Shet** 10-22 December but probably there from early November.

Golden Eagle *Aquila chryseatos*

Breeding: **High** above average productivity (MBP 0.50) with West Inverness (0.75), NW Sutherland (& Wester Ross (0.81)& E Highland (0.71) having a most successful year, Lochaber was very poor at 0.32 with Skye (0.46) being less productive, 6 chicks were removed for the Irish reintroduction scheme; **OHeb** 10 of 23 home ranges did not attempt breeding, 2 were disturbed by an egg collector but one was successful; **NE** 4 territories held single birds, 3 of them on grouse moors, 6 pairs failed with eggs; **Tayside** 10 of the 18 territories failed and is causing concern; **Forth** 2 home ranges held only singles, it is thought that

RSG	Sites	Broods	Young	MBS	MBP
OHebrides	23	(5)	(7)	1.4	-
Highland	96	42	55	1.31	0.58
NE Scot	18	5	7	1.40	0.39
Tayside	18	9	12	1.30	0.67
Forth	9	4	5	1.25	0.56
SE Scot	2	2	2	1.00	1.00
Argyll	54	18	21	1.17	0.39
Clyde Is	2	2	?	-	-
Clyde	2	?	-	-	-
D&G	2	-	-	0	0
Totals	**202**	**82**	**102**	**1.23**	**0.51**

disturbance by gliders may be problem; **Bord** both nests were successful for the first time, one success being attributed to the lack of disturbance due to F&MD restrictions; **Arg** better season with 33% of ranges producing young, nests included 2 in a tree and 1 on ground at top of coastal slope; **Clyde Is** 2 pairs bred successfully on Arran; **Clyde** 2 territories Loch Lomond area but no news of fate; **D&G** 2 pairs had no success. 1 Cottascarth **Ork** 28 April was first island record since 1992.

Osprey *Pandion haliaetus*

Winter/Spring: 1 Hundleshope **B** 11 March; 1 Paulswell **B** & Loch Leven **P&K** 25 March; A&D, Forth, Fife & Loth 30-31 March; D&G, Caith & NE 1-2 April; Clyde 11 April; Ork, Shet, Ayr & Arg 22-29 April.

RSG	sites	nest + eggs	broods	young	MBS	MBP
Highland	76	68	51	106	2.08	1.39
NE Scot	13	13	9	20	2.22	1.67
Tayside	45	37	29	60	2.07	1.33
S & W Scot	19	18	15	33	2.20	1.74
SE Scot	2	1	1	1	1.00	0.50
Totals	**155**	**136**	**105**	**220**		**1.42**

	pairs known	pairs +eggs	pairs hatched	broods	young	MBP
1995	99	92	77	73	146	1.47
1996	104	93	76	74	155	1.49
1997	111	102	93	77	159	1.43
1998	130	116	103	92	193	1.48
1999	136	125	99	87	183	1.35
2000	148	122	-	-	198	1.33
2001	155	136	-	105	220	1.42

Breeding: **Caith** pair reared 1 young; **High** 6 new pairs located with 5 more pairs laying, 3-4 nests were predated by Pine Martens, 3 were robbed by egg collectors, 1 was disturbed by Buzzards while a Sutherland nest managed a successful br4. 12 young were exported to the Rutland Water reintroduction scheme.

NE 3 pairs failed after strong winds but productivity generally was up; **A&D** no breeding but up to 5 present Kinnordy in April/May, also 3at Glen Ogil & 3 Blackwater Dam in May/June; **Forth** 10 pairs produced 9 clutches with 8br21 fledging; **Loth** singles may have summered at 2 sites; **Bord** pairs present 3 sites with 2 nests and br1 at original nest site; **Arg** 5 pairs bred successfully, fledging 10 young, also singles in several other areas; **Clyde** 2 pairs nested but just 1 success; **D&G** first breeding in Galloway, albeit unsuccessfully.

Autumn/Winter: General increase in records from southern Scotland as passage numbers increase and local breeders become established. Best counts was 4 Inverkirkaig **H** 1 August.

Last A&D & Clyde 3-4 September; D&G, Loth & Fife 15-22 September; NE & Bord 5-6 October. 1 Ellemford **B** 22 December was very late indeed.

Common Kestrel (Kestrel) *Falco tunnunculus*

Kestrel, Hawick, Borders

Passage: First Fair Is 30 April, St.Kilda **OH** 9 May & Shet 10 May. 7 reached Shet during the spring passage with at least 10 making it to Fair Is but just a single to St.Kilda. The first autumn birds were found from 17 July on St.Kilda, 10 August on Shet & 4 September on Fair Is. Last records by early October.

Ork present at 6 sites Stenness hills where 2 successful broods with 3 other Mainland nests, also single pairs Eday & South Ronaldsay; **NE** 3 known nests but although increase to 73 casual records submitted, a long-term decline is still suspected; **A&D** breeding at 9 sites but casual records well down (70); **P&K** 4 known sites, continued decline suspected with birds missing from traditional sites; **Fife** 11 pairs at 10 sites reared 25 young with records from 65 other sites; **Forth** noted 17 sites with 4br10; **Loth** records from 59 sites but only 6 known territories; **Bord** just 6 known breeding reports but 372 casual records was just a little down from the 386 of 2000, despite F&MD restrictions; **Arg** 6 of 16 occupied territories at Ross, Mull were successful while 9 on Cowal were all successful, fledging

21 young; **Clyde Is** 3 broods Arran; **Clyde** 5 observers made 1,013 records, 16 pairs were reported from 16 sites with 5br15 seen; **D&G** extremely abundant in west following a good breeding season. First fledged young Bord 24 June; Clyde Is 9 July.

***Highland**: Productivity was high with 11 occupied ranges all being successful and fledging 46 young, MBP 4.2 (3.5 in 2000). Further studies will continue to determine whether there has been any decline in local populations or if the fewer records reflects less interest in the species.**Ayrshire**: Despite fieldwork being curtailed by F&MD restrictions 21 home ranges were checked with 70% occupation. 15 clutches were laid of which 76% of eggs hatched with 98% brood survival, MBS 4.60 and MBP 3.80. While the clutch size was slightly down the continued high vole numbers meant that kestrels had a good season.* Hardie J, (2003), *2000 & 2001 Raptor Round Up*, SOC.

14 Glen Fruin **Clyde** 27 January; 14 at Leithen Lodge **B** 21 August; & 7 Acharn **P&K** 7 August.

Red-footed Falcon *Falco vespertinus*

1m Ythan Estuary at Forvie **NE** 20-23 May; 1st-s f Ben Risary Plantation, Claddach Valley, North Uist **OH** 24 June-9 July. *Fourth for Outer Hebrides.*

Merlin *Falco columbarius*

Breeding: **Shet** decline in productivity; **Ork** reduced access allowed just 14 ranges to be inspected with all 11 nests hatching young, 2 broods were predated, probably by feral cats, despite this productivity was considerably higher that in 2000; **High** site occupancy fell by 53% in Moray and dropped by another 4% to 48% in Sutherland; **NE** high success due to warm and dry weather in early part of season with any brood reductions linked to wetter June weather; **Tayside** Angus birds were less successful with 15 fledged from 14 home ranges, things were better in Perthshire with 28 young from 21 ranges; **Clyde** just 3 breeding season reports; **SE** & **D&G** poor coverage due to F&MD.

RSG	Occup Sites	Successful Nests	Young fledged	MBP 2001	MBP 2000
Shetland	8	6	16	2.00	2.70
Orkney	14	10	34	2.43	1.63
OHebrides	9	9	21	2.33	3.44
Highland	35	21	73	2.92	2.53
NE Scot	39	25	104	2.67	2.65
Tayside	33	15	43	1.30	-
SE Scot	22	11	30	1.37	2.19
Total	**160**	**107**	**321**	**2.00**	**2.28**

Winter & passage: Last passage Fair Is 29 May. First Machrihanish **Arg** 4 August; **Is of May** 9 August; **Fair Is** 22 August; St.Kilda **OH** 16 September. Maximum autumn counts include 6 North Ronaldsay **Ork** 23 September; 5 Fair Is & 4 North Ronaldsay 15 October; 3 Whaness, Hoy **Ork** 20 October.

Eurasian Hobby (Hobby) *Falco subbuteo*

Winter/Spring: 1 Fishtown of Usan **A&D** 28 May; 1st-s Nether Culzean **Ayr** on 30 May; 1 Loch of Skene **NE** 9 June; 1 Strathmore **A&D** 28 June.

Breeding: A pair reared 4 young in northern Scotland with birds at 2 other possible breeding sites.

Autumn/Winter: Adult Ythan **NE** 3 July; 1 Loch Stroan **D&G** 1 & 20 August; 1 Restenneth **A&D** on 2 August; 1m Castle Douglas **D&G** 5 August; 1 Embo **H** 15 August; 1 Laid, Loch Eriboll **H** 23 August; 1 juv Lindores Loch **F** 25 September; 1 Kinghorn **F** 13 October; 1m Caldarvan **Clyde** on 18 October; 1 imm Scurdie Ness **A&D** & 1 imm Coldingham Moor **B** 23 October.

Gyr Falcon *Falco rusticolus*

At sea: 1 sea area Forties at oil installation *Elgin* 3-6 March when landed exhausted. Later died in care in Aberdeenshire on 6 March.

[1999] 1 dark-phase bird, long dead, at Moss of Whitestanes, Hoy **Ork** 15 May.

Peregrine *Falco peregrinus*

Winter/Spring: 5 singles Fair Is on 31 March-26 May. 11 records Shet January-May

Breeding: **High** the number of vacant sites is worrying with a decline in available prey suspected but brood size was higher and less pairs failed in 2001; **NE** occupation of grouse moor sites fell further in 2001 to just 33% of the sites checked and while the productivity was

RSG	Occup Sites	Successful Nests	Young fledged	MBP 2001	MBP 2000
Orkney	7	4	11	1.58	0.33
OHebrides	12	8	?	-	-
Highland	26	18	40	1.54	1.00
NE Scot	59	31	73	1.24	0.58
Forth	16	16	34	2.13	1.65
SE Scot	9	6	17	1.89	1.06
Arg & Bute	12	8	14	1.17	1.50
Scotland	**193**	**129**	**277**	**1.44**	**1.08**

better in 2001 it was still lower than other land uses (1.06 compared to 1.40), 76% of home ranges were occupied (56% in 2000) however and a record number of young were fledged by coastal birds; **Central** productivity was higher, the settled weather to late June the primary reason suspected; **Clyde Is** bred 1 site Arran; **Clyde** only 4 pairs known to have had success due to limitations of monitoring; **SE** & **D&G** few and no sites checked respectively due to F&MD.

Autumn/Winter: Single birds St.Kilda **OH** September & October; 1 North Rona **OH** in October. Better numbers of casuals than usual in NE but scarcer than usual on low ground in P&K. 9 birds Shet Setember-December.

Water Rail *Rallus aquaticus*

Winter/Spring: *c.*91 January-March birds with 24+ Fife, 17 Shet, 11 Clyde, 7 OHeb, 5 Loth, Bord & Ork, 4 Forth, 3 D&G, Ayr & Fair Is, 2 M&N and single Arg plus unspecified numbers in P&K & A&D. Best counts were 15 tape-lured at Kilconquhar Loch **F** 14 January with 10 there 11 February. Migrants in N.Isles from mid-March included 6 Fair Is 31 March, passage continuing to *c.*20 May.

Breeding: **Shet** bred Haroldswick for 3rd year with 3 young seen late July, un-mated bird called at another site there; **Ork** bred Papa Westray, Mill Dam, Shapinsay (2 pairs) & at Bride's Ness, North Ronaldsay, where young seen in June, also 2 calling Blows Moss, South Ronaldsay; **OHeb** 3 Carnish, North Uist, called Horgabost, Harris & juvenile seen Bornish Loch , South Uist; **M&N** calling 5 sites with 4 territories Lein; **NE** 8 pairs Loch of Strathbeg (2-3 broods) with calling birds Ordie Moss, Loch of Leys, Sands of Forvie (brood) & Meikle Loch (1 juvenile); **A&D** 7 pairs Loch of Kinnordy, 2 broods Montrose Basin; **P&K** 2 pairs bred Vane Farm; **Fife** noted 6 sites with 4 p airs St.Margaret's Marsh & juvenile Goosepools; **Forth** noted 4 sites with young seen Skinflats; **Loth** heard only at Duddingston Loch; **Bord** heard 5 sites with 6 territories tape-lured Pot Loch, Selkirk; **Arg** noted 4 sites with 4 pairs Loch Gruinart; **Clyde** 27 pairs & 7 singles at 17 sites with 5 pairs Aird Meadow & young seen Baron's Haugh & Greenhead Pond; **Ayr** 2 sites with juvenile Trabboch Loch; **D&G** noted 3 sites. First young NE 20 June; A&D 4 July; Clyde 29 July.

Autumn/Winter: 7 Newshot Island **Clyde** 23 August. First passage Fair Is 15 September; Ork & Is of May 23-17 Sep; Caith 6 October; St.Kilda **OH** 7 October; Shet 9 October.

*c.*58 December records: 14 Fife, 12 Bord, 7 D&G & P&K, 5 NE & Shet, 4 Loth, 2 M&N, Arg & Fair Is & singles Forth & OHeb. 9 Hirsel **B**, 7 Kilconquhar Loch, 6 Kenneth Bank **D&G** & 5 Strathbeg.

Spotted Crake *Porzana porzana*

Spring: First 1 was in an Aberdeen garden **NE** on 23 April; 1 Balevanich, Lewis **OH** 2 May; 1 Manse Loch, Egilsay **Ork** 8 May; **Clyde** 1 at un-named site 12 May; 1 Loch Gruinart, Islay **Arg** 15 May.

Breeding: **Shet** 1m Haroldswick 25 June-31 July; **Ork** Manse Loch male called for a few days into mid-May; **OHeb** on South Uist 3mm called at Stillgarry Loch 21 May-2 June, at Howmore 1-2 June & Daliburgh on 2 June; **High** 1m at an un-named site; **NE** 1 sang Loch of Strathbeg 30 May-16 June; **Arg** Gruinart bird called for a few days in mid-May, but not later; **Clyde** 2 territories at undisclosed site; **D&G** 1m sang in August.

Autumn: 1 Hightae Loch **D&G** 26 August; 1 Out Skerries **Shet** 1 October; 1 **Fair Is** 3 October.

Baillon's Crake *Porzana pusilla*

1st-w Maywick **Shet** caught exhausted 18 October, released in good health on 19 October.

First record for Shetland although two previous records from Fair Isle.

Corn Crake (Corncrake) *Crex crex*

Spring: First Blackpark, Islay **Arg** 1 May; Hammars, Westray **Ork** 4 May. 1 Spiggie **Shet** 19 May.

Breeding: **Ork** a very poor year with just 9mm - 4 Westray, 3 Sanday and singles Shapinsay & Papa Westray; **OHeb** increase from 310 to 326 calling mm; **Arg** further increase on Coll but overall numbers were a little down from 245 to 237 mm.

No repetition of breeding on Fair Is and Shet and very few birds elsewhere. The poor summer is generally held responsible for the slight decline in N.Isles and Inner Hebrides. However this did not seem to have much impact on the main breeding area in the Outer Hebrides.

Singing mm	96	97	98	99	00	01
Shetland	-	-	4	2	2	2
Fair Isle					1	0
Orkney	43	21	13	15	11	9
Lewis **OH**	104	114	77	50	55	60
Harris **OH**	6	9	5	6	4	4
N. Uist **OH**	66	78	73	66	66	74
Benbecula **OH**	27	45	41	36	31	34
S. Uist **OH**	81	62	65	101	98	90
Barra/Vatersay	58	74	47	46	56	64
Skye **H**	21	23	12	16	23	21
Canna **H**	0	0	2	0	0	0

Singing mm	96	97	98	99	00	01
Eigg **H**	0	0	0	0	0	1
Muck **H**	0	0	0	0	3	2
Coll **Arg**	40	42	40	48	53	62
Tiree **Arg**	117	136	136	144	153	143
Mull **Arg**	0	0	2	2	1	0
Iona **Arg**	5	8	12	13	9	7
Treshnish **Arg**	-	-	3	11	4	1
Colonsay **Arg**	8	8	14	19	21	18
Islay **Arg**	7	17	4	7	8	7
other **High**	-	-	22	3	16	?
other **Arg**	-	-	-	10	3	1
Total	**583**	**637**	**573**	**594**	**597**	**599**

Autumn: 1 Machrihanish **Arg** 8 August; 1 Twechar **Clyde** 10 August; 1 Out Skerries **Shet** 31 August; 1 The Reef, Tiree **Arg** 6 September; fully-grown juvenile Oronsay **Arg** 10 September; 1 Fetlar **Shet** 16 September; 1 Out Skerries 27 September; 1 **Is of May** 8 October; 1 Balephuil, Tiree 19 October.

Common Moorhen *Gallinula chloropus*

Winter/Spring: The best counts were 39 Forfar Loch **A&D**, 23 Duddingston Loch **L**, 22 Birnie Loch **F**, 19 Kilconquhar Loch **F** , 17 Springburn Park **Clyde**, 15 Loch of Hillwell **Shet**, 15 Douglas Estate **Clyde**, 14 Yetholm Loch **B** & 13 Loch of Strathbeg **NE** in January- March.

1 Balnakeil **H** 12 April was a rarity in the far northwest.

Breeding: **Shet** 2 pairs bred Loch of Spiggie & 4 pairs bred Fetlar, juvenile seen Vidlin in July birds were also present at Sae Water, Scatness & Loch of Hillwell but no evidence of breeding; **Ork** 9 pairs Eday, 5pairs Mill Dam, Shapinsay & 4 pairs The Loons; **OHeb** broods at 4 North Uist waters; **NE** increase in records, bred at least 6 sites; **A&D** bred 6 sites; **P&K** 4 sites with 6 pairs Vane Farm but did not breed Carsebreck, where now scarce; **Fife** 19 sites but poorer success (2.54 in 2000); **Loth** bred 7 sites with 12 pairs Aberlady; **Bord** a poor year with slight drop in success, MBP falling once again below 10 year mean of 2.35; **Arg** bred at 3 sites with 4 pairs Loch Gruinart and first recent breeding for Taynish; **Clyde Is** br2 Bute in August was the only confirmed report; **D&G** 14 pairs Mersehead, 5 pairs at Carlingwark Loch & 5 pairs Caerlaverock.

	Sites	Pairs	Broods	Juvs	MBS
Shet	6	7	7	-	-
Ork	4	>19	-	-	-
OHeb	4	4	4	8	2.00
M&N	14	>14	>7	-	-
Fife	19	20	20	64	2.13
Loth	7	23	14	37	2.64
Bord	34	43	33	66	2.00
Clyde	41	74	*c.*27	57	2.11
Ayr	12	19	6	18	3.00

Autumn/Winter: 26 Fyvie Castle **NE** & 25 Callander Park **Forth** & 16 Loch Gelly **F** during August-October. During November-December there were 35 Caerlaverock, 31 Cally Loch **D&G**, 29 Union Canal **Forth**, 24 Birnie Loch, 17 Springburn Park, 14 Loch of Hillwell & 14 Monikie **A&D** .

Common Coot *Fulica atra*

Winter/Spring: Some massive January-February counts with 848 Loch of Harray **Ork**, 682 Kilconquhar Loch **F**, 445 Loch Leven **P&K**, 377 Linlithgow Loch **L** & 323 Loch of Bosquoy **Ork** with 150-299 birds Yetholm Loch **B**, Forfar Loch **A&D**, Hogganfield Loch **Clyde**, Loch Ken **D&G** & Lochore Meadows **F**.

Breeding: **Shet** 2 pairs bred Loch of Hillwell; **Fife** 108 young seen Kilconquhar Loch but many sites without broods; **Bord** slight fall in success for the 4th year running, success has been slowly declining from the 10-year mean MBS of 2.78 but in addition the numbers of broods reported is also falling, hinting at local problems; **Clyde** average breeding season (mean=1.8) but production at some waters suffering from predation by specimen Pike that hav been introduced by anglers; **D&G** 16 pairs Mersehead.

	Sites	Pairs	Broods	Juvs	MBS
Shet	1	2	-	-	-
OHeb	5	9	2	2	1.00
M&N	9	13	5	-	-
A&D	-	-	5	15	3.00
Fife	15	-	67	181	2.70
Loth	16	37	13	-	2.20
Bord	26	119	18	44	2.44
Clyde	49	141	*c.*73	195	1.80
Ayr	6	19	8	20	2.50

Early nest Loth 18 February. First young seen Clyde 16 May & Bord 19 May.

Autumn/Winter: An enormous counts of 1,818 at Loch Leven **P&K** in September. Also 480 Kilconquhar Loch,600 Loch of Bosquoy, 520 Loch Gelly **F** & 326 Castle Loch with 150-299 birds at Loch of Strathbeg **NE**, 201 Yetholm Loch & Woodend Loch **Clyde** in August to October. 533 Loch of Harray, 300 Stormont Loch **P&K**, 376 Linlithgow Loch & 150-299 at Lochore Meadows, Martnaham Loch **Ayr**, Monk Myre **F**, Gartmorn **Forth**, Forfar Loch & Strathclyde Loch **Clyde** during November-December. On sea: 2 Musselburgh **L** in March; 1 Murcar **NE** in October.

Common Crane *Grus grus*

Spring: 1 Tentsmuir **F** 30 March flew off NW; 1S high over Ruberslaw **B** 1 April. 2 North Ronaldsay **Ork** 20 April were also seen over Papa Westray the same day and were no doubt the same birds as the 2 on **Fair Is** 20 April and at Fleck **Shet** on 21 April. 2 Kippford **D&G** 11 May. 1 Nether Stove **Ork** 19-21 May could be the same bird a as the single at Fair Is on 22-24 May.

Eurasian Oystercatcher *Haemantopus ostralegus*

	J	F	M	A	M	J	J	A	S	O	N	D
Nairn/Culbin Bars	1478	1570	-	-	-	-	-	-	-	1364	-	1142
Findhorn Bay	980	537	-	-	-	-	-	-	-	590	-	1145
Ythan Est. **NE**	313	307	-	171	143	168	363	518	507	547	396	389
Tay Est. **F/A&D**	1364	1026	-	-	30	243	635	441	1633	2172	1612	1010
North Forth **F**	1669	2107	-	-	-	-	-	-	3636	3678	3149	2284
South Forth **L**	5938	5451	-	-	-	-	-	-	4846	5138	5482	5001
Loch Indaal **Arg**	486	493	407	515	414	398	372	402	383	323	442	492
Clyde Est. **Clyde**	5160	4606	-	-	-	-	-	-	4075	5033	5456	5193

Winter/Spring: The highest January-February counts were in the Solway with 5,400 Mersehead **D&G**, 3,000 Carsethorn **D&G**, 2,720 Scar Point **D&G**, 650 Auchencairn Bay **D&G** & 606 Rough Is. **D&G**. Elsewhere 1,500 Ardmore North Bay **Clyde**, 1,147 Gullane to English border **L/B** & 300-499 birds at Ruddon's Point **F**, Adrossan **Ayr**, 312 Girdleness **NE** & 329 Loch of Stenness **Ork**.

Away from the coast there were singles at Lanark **Clyde** 6 January & Loch Rannoch **P&K** 20 January. The first returned inland in P&K & Forth 27 January; D&G, Bord & Clyde 30 January-4 February; M&N, A&D & NE 12-16 February. The best counts were 400 Scone **P&K** & 200 River Nith at Carnsalloch **D&G** 17-19 February; 128 Blane **Clyde**, 126 Inverurie **NE**, 90 Arden Water **Clyde** & 60 Carstairs **Clyde** 21-25 February; 200 Loch Freuchie **P&K**, 122 Mundole **M&N** & 84 Mossfennan **B** 14-17 March; 153 Mar Lodge **NE** 23 March.

Breeding: **Shet** 14 pairs Noss, 10 pairs Mousa but just 4 pairs Hermaness; **Fair Is** 40 pairs bred but pulli heavily predated by skuas; **Ork** 22 pairs Brodgar, 15 pairs Gairsay, 10 pairs Birsay Moors, 10 pairs The Loons plus 21 other pairs; **OHeb** 95 pairs Monach Is., 15 pairs St.Kilda only fledged 1 juv due to Bonxie predation & 10 pairs Loch Druidibeg, South Uist; **M&N** roof nests at Aberlour & Elgin; **NE** roof nests Aberdeen; **A&D** chimney nest Broughty Ferry; **P&K** 8 pairs Vane Farm (11 in 2000), 7 pairs Scone shingles; **Is of May** 25 pairs with good success; **Fife** 12 nests Inchcolm & Inchkeith; **Loth** success at Tyninghame probably due to lack of disturbance due to F&MD; **Bord** 75 pairs noted with 12 pairs Megget Reservoir with roof nests Peebles & Jedburgh; **Arg** 25 pairs Sanda Is., 10 pairs Lunga but just 1 successful nest from 8 at Loch Fyne; **Clyde** 60 pairs at 34 sites with 8mm Garvald Quarry; **Ayr** 14 pairs noted with roof nest at Auchincruive; **D&G** 21 pairs Beattock & 20 pairs Mersehead. First broods: Is of May 27 May; A&D, Clyde Is & Bord 2-6 June; Loth 21 June.

Autumn/Winter: The Solway again dominated counts with 4,600 Scar Bay **D&G**, 2,409 Wigtown Bay **D&G** & 1, 008 Auchencairn Bay during September-October with 11,000 Caerlaverock **D&G**, 5,200 Carse Bay-Southerness **D&G** & 1,766 Wigtown Bay in December. Elsewhere 470 Lucky Scalp **F** in July; 350 Stenish, Lewis **OH** in September; 3,136 Montrose Basin **A&D** in October; 2,430 Goosepools **F** & 400 Pow Burn **Ayr** in November..

Stone-curlew (Stone Curlew) *Burhinus oedicnemus*

1 Inver **H** 17-22 May.

First record for Highland and only the 11th for the Scottish mainland.

Little Plover (Little Ringed Plover) *Charadrius dubius*

Spring: 1 Brora **H** 23 April; 1 Musselburgh **L** 24 April; 1 Mersehead **D&G** 2 May; 1 Rigifa, Cove **NE** 3 May. *First record for Highland since 1949.*

Breeding: **M&N** 2 Kingston shingles showed courtship behaviour.

Autumn: 1 Loch of Strathbeg **NE** 23-30 June; 1 Musselburgh 25 June; 2 Caerlaverock **D&G** 24 July.

Ringed Plover *Charadrius hiaticula*

	J	F	M	A	M	J	J	A	S	O	N	D
Pool of Virkie **Shet**	23	48	24	8	15	-	130	310	230	60	21	35
N Ronaldsay **Ork**	85	108	101	27	206	109	52	77	106	99	112	-
Ardivachar **OH**	221	30	-	200	450	-	200	168	269	185	375	-
South Ford **OH**	500	263	-	200	-	-	300	500	205	297	120	-
Ythan Estuary **NE**	2	1	-	0	129	312	51	74	14	33	12	7
Tay Est. **F/A&D**	49	71	-	-	410	0	35	105	282	230	95	95
South Forth **L**	200	138	-	-	-	-	-	-	167	252	168	128
Islay Lochs **Arg**	49	93	27	117	128	44	79	211	112	81	40	104
Clyde Estuary **Clyde**	25	59	-	-	-	-	-	-	78	107	9	131
Newton **Ayr**	49	21	10	95	18-	113	81	84	101	83	51	65
Doonfoot **Ayr**	41	28	11	-	-	-	9	200	94	120	104	109

Winter/Spring: As usual the winter and spring maxima are well differentiated. There were197 Forth Estuary **F**, 188 Balphetrish Bay, Tiree **Arg**, 187 Gullane-Dunglass **L**, 150 North Ford, South Uist **OH**, 138 Loch Bee, South Uist **OH** & 125 Leven **F** in January-February mostly involving local populations. The large numbers that flood our estuaries in May are larger Arctic-bound passage birds that wintered well to the south. These included 800 Powfoot/Newbie **D&G**, 410 Tay Estuary **F**, 402 Eden Estuary **F**, 380 Buddon **A&D**, 198 Sanday **Ork**, 155 Ardnave, Islay **Arg**, 102 Loch of Tankerness **Ork** & 100 Lossie Estuary **M&N** in May.

Breeding: **Shet** 14 pairs Mousa & 9 pairs Noss; **Fair Is** 12 pairs with at least 2 broods; **Ork** 25+ pairs with 7 pairs both Gairsay & Auskerry; **OHeb** 27 pairs Monach Is.; **M&N** present 5 coastal & 2 inland sites but 8 pairs reduced to nil at Lein due to predation & disturbance; **NE** bred at least 4 sites; **A&D** 10 sites; **P&K** 8 pairs at 4 sites; **Fife** 20 pairs; **Forth** 2 sites; **Loth** good success Aberlady & Tyninghame probably due to F&MD restrictions reducing disturbance; **Bord** 5 sites; **Arg** 30 pairs Colonsay & 8 pairs Sanda; **Clyde Is** bred 3 sites Arran; **Clyde** 21 pairs at 14 sites with 3 pairs each at Bowling & Burncrook Reservoir; **D&G** 5 pairs Mersehead.

First young: D&G 13 May; A&D, Clyde Is & Bord 17-24 June; Clyde 14 July.

Autumn/Winter: 406 Aberlady **L**, 254 Eden Estuary, 130 Rubha Ardvule, South Uist **OH**, 120 Stevenston **Ayr**, 107 Findhorn Bay **M&N** & 105 Tay Estuary in July-August; 300 Bay Head, North Uist **OH**, 264 Forth Estuary, 235 Peninerine, South Uist **OH**, 235 Brora **H**, 217 Traigh nam Barc, Colonsay **Arg**, 235 Brora **H**, 178 Gott Bay, Tiree, 150 Traigh Mhor, Barra **OH** & 143 Leven in in September-October; 258 Drimsdale, South Uist **OH** & 140 Mersehead **D&G** in November.

Eurasian Dotterel (Dotterel) *Charadrius morinellus*

Spring: 2 Aird an Runair, North Uist **OH** 26 April; 2 Oronsay **Arg** 27 April; 6 North Ronaldsay **Ork** 8 May with max 14 there on 17 May; 3 Kilauley, South Uist **OH** 11 May.

Breeding: **M&N** no data from breeding grounds; **NE** noted 4 sites in May but bred at just 1 sites; **A&D** pair on territory 6 June with 5 adults & 3 juveniles seen 8 July and 3 family parties of 10-19 bird in August; **Arg** 1 juvenile Beinn Dorian in July. First young M&N 17 June.

Autumn: 4 North Rona **OH** 22 June; 2 North Ronaldsay 20 August; 2 Out Skerries **Shet** on 31 August; 1 St.Kilda **OH** 24 September with another on 26 September; 1 North Ronaldsay on 25-27 September; 1 Middleton, Tiree **Arg** 9 October.

American Golden Plover *Pluvialis dominica*

Autumn: Single autumn juveniles at Greenhill, Tiree **Arg** 4-9 October; Musselburgh **L** 8 October-2 November; 1 St.Mary's, Holm **Ork** 10 October & Gruta, South Ronaldsay **Ork** 3 November ; 1 West Gerinish & Kilauley, South Uist **OH** 20-4 November; Gritley, Newark & Snippigair **Ork** 25 November-11 December. *Second record for Argyll, 5th for Lothian & 9th for Outer Hebrides.*

Pacific Golden Plover *Pluvialis fulva*

Autumn: Adult North Boisdale, South Uist **OH** 14 October-4 November.

[2000] Adult Peninerine, South Uist **OH** 31 July. *First and second records for Outer Hebrides.*

European Golden Plover (Golden Plover) *Pluvialis apricaria*

	J	F	M	A	M	J	J	A	S	O	N	D
Uyeasound **Shet**	10	52	0	-	-	-	2	95	700	325	600	25
North Ronaldsay	253	278	300	311	72	81	639	420	800	1073	370	600
Ythan Est. **NE**	102	130	-	0	0	0	104	1383	2500	4000	1232	1380
Strathbeg **NE**	400	270	720	58	2	0	180	300	2400	2200	2750	800
South Forth	1162	203	-	-	-	-	-	-	807	2034	865	2651
Musselburgh **L**	350	378	43	0	1	20	277	341	522	1000	1730	2100
Tiree **Arg**	350	440	1500	-	962	1	17	320	-	2000	3000	1000

Winter/Spring: The best January-February counts away from the main resorts were - 644 Powfoot **D&G**, 610 Gullane-Dunglass **L** & 414 Barassie **Ayr** . All of the largest early-year counts came in April as flocks gathered on the northbound migration with 1,400 Westray **Ork**, 1,200 Caerlaverock **D&G** & 400-999 birds at Loch Bee, South Uist **OH**, Ness, Lewis **OH**, Durkadale **Ork**, Frithfield **F**, Crailing **B** & Spiggie **Shet**. The maxima elsewhere: Caith 210, Clyde 150, Forth 132, M&N 99 & P&K 52.
Breeding: **Shet** 16 pairs Hermaness; **Ork** 4 pairs Birsay Moors; **OHeb** 7 pairs Harris, 15 pairs North Uist & 10 pairs South Uist; **M&N** 17 birds at 4 sites; **A&D** seen3 sites; **P&K** 6 pairs at 4 sites; **Arg** noted 4 sites; **Clyde** 11 at a single site in May.
Autumn/Winter: Other October-December counts include: 4,000 Kirkabister **Ork**, 3,500 L.of Broadhouse **Ork**, 2,500 Eden Estuary **F**, 2,000 Kirkwall **Ork**, 2,000 Drums **NE**, 1,620 Browhouses **D&G**, 1,590 Wigtown Bay **D&G**, 1,500 Gritley **Ork**, 1,500 St.Mary's Holm **Ork**, 1,500 Fetlar **Shet**, 1,500 Loch Bee, 1,206 Kinneil **Forth**, 1,200 Caerlaverock, 1,200 Newark **Ork**, 1,000 Spiggie, 1,000 Newmains **B**, 1,000 West Freugh **D&G** & 1,000 Elie Ness **F**.
Maximum counts elsewhere were A&D 950, Ayr 600, M&N 313, Clyde 300 & P&K 180.

Grey Plover *Charadrius squatarola*

	J	F	M	A	M	J	J	A	S	O	N	D
South Ford **OH**	232	144	150	121	110	-	8	148	240	256	262	-
Tay Est. **F/A&D**	200	103	-	-	3	0	1	53	480	133	161	203
Eden Est. **F**	570	302	-	344	-	-	1	240	448	664	584	278
Forth Est. **F**	59	109	-	-	-	-	-	-	-	49	66	48
Musselburgh L	75	61	83	79	260	0	0	30	31	80	70	90
Gosford **L**	160	71	-	-	-	-	-	-	110	10	4	70
Aberlady **L**	253	278	180	376	284	3	17	305	344	280	211	231
Tyninghame **L**	248	169	-	-	5	5	-	27	59	136	23	262

Winter/Spring: This species is very thin on the ground away from the main wintering resorts with best counts of just 67 North Ford, North Uist **OH**, 51 Carsethorn **D&G**, 31 Traigh Vallay, North Uist **OH**, 23 Nairn/Culbin Bars **M&N** & 18 Ythan Estuary **NE** in January- March. Numbers were alittle higher with later 130 Borran Point **D&G** & 67 Cata Sand, Sanday **Ork** in May.
Max elsewhere: Arg 12.
Last A&D 7 May; Ork & Arg 21-27 May; OHeb 10 June;
Autumn/Winter: First OHeb, M&N, Bord & Arg 13-31 July; D&G, A&D & Ork 3-6 August; Ayr, Forth & Shet 15-25 August. 180 Caerlaverock **D&G** in August; 81 Mersehead **D&G** & 53 Traigh Eackamish, North Uist **OH** in September; 48 Findhorn Bay **M&N** in October; 50 Buddon **A&D** in November. Best elsewhere were Ork 25, Clyde 18, NE 15, Arg 11 & 8 Ayr.
Inland records from St.John's Pool **Caith** in Aug and Loch Leven **P&K** & Hule Moss **B** in September. *Numbers were generally depressed in many areas.*

Lapwing *Vanellus vanellus*

	J	F	J	A	S	O	N	D
Ythan Est. **NE**	611	1122	800	2233	6000	3000	2600	1900
L.of Strathbeg **NE**	550	780	322	2100	1500	700	260	750
Forth Est. **F**	-	1200	-	-	711	1428	-	903
Kinneil **Forth**	-	500	170	440	820	-	1050	-
Skinflats **Forth**	-	590	150	300	1020	920	-	508
Musselburgh **L**	41	286	929	1200	938	120	320	25
Aberlady **L**	15	92	347	543	310	680	33	31
L.Gruinart **Arg**	431	1678	-	-	185	240	543	112
Tiree **Arg**	425	850	87	647	450	950	230	267
Clyde Est. **Clyde**	1679	2683	-	-	659	1459	1618	1303
Bogside **Ayr**	-	240	100	400	-	2000	-	-

Winter/Spring: An uncommon inland bird in winter, numbers have generally been increasing with the recent long run of mild winters.There were 145 Hamilton Low Parks **Clyde** in January and small numbers elsewhere inland in A&D, P&K & Bord from the start of year although there was a clear-out in the mid-January frosts. Numbers soon returned and by the end of the month there were 700 Lawfield **B**, 600 Loch of Mey **Caith**, 600 Loch Heilan **Caith**, 475 Vane Farm **P&K** & 415 Dumbarnie Links **F**. As more birds arrived during February counts increased to 1,012 Kingholm Quay **D&G**, 950 Mersehead **D&G**, 920 Carsebreck **P&K**, 920 South Medwin **Clyde**, 880 Crailing Tofts **B**, 870 Newark Bay **Ork**, 610 Widewall Bay **Ork** & 500 Dalry **D&G**. Maxima elsewhere were OHeb 300, Fair Is 200, M&N 117, Shet 110 & Clyde Is 75.

Breeding: **Fair Is** 8 pairs fledged only 4 young; **Ork** 20 pairs Ferness, 11pairs Birsay Moors, 10 pairs Brodgar & 38 pairs at 6 other sites; **OHeb** 71 pairs Uig, Lewis, 20 pairs Monach Is. & 10 pairs Clachan Farm, North Uist; **M&N** 18 pairs Cabrach & 15 pairs Tomintoul; **NE** 15 pairs Loch of Strathbeg; **A&D** 16 pairs Glamis & 10 pairs Glen Lethnot; **P&K** 28 pairs fledged only 5 young Carsebreck with drop from 30 to 22 pairs Vane Farm; **Fife** 11 pairs fledged 10 young Eden Estuary; **Loth** 10 pairs Almond Pools & 7 pairs Aberlady; **Bord** 178 pairs noted with 40 pairs Broughton & 39 pairs Cademuir but big reduction in broods seen; **Arg** 165 pairs L.Gruinart, Islay, 117 pairs Ardnave, Islay, 52 pairs Coll, 17 pairs Colonsay; **Clyde** 101 pairs at 38 sites with 12 pairs Balgray Reservoir & 12 pairs Hardridge; **Ayr** 12 pairs Blairbowie but none fledged; **D&G** 69 pairs Mersehead, 16 pairs Beattock Gas Station & 16 pairs Dyke Farm, Moffat.

First fledged Bord 20 April; OHeb 8 May; Ayr 12 May; Fife 20 May; M&N 24 May; Shet 7 June.

Autumn/Winter: 2,856 Forth Est. **Forth**, 2,840 South Medwin, 2,300 Loch Heilan, 2,000 Bogside **Ayr**, 1,850 Lurgies **A&D**, 1,500 Carsebreck, 1,500 Tullibody Inch **Forth** & 1,190 Spittal **B** with 500-999 birds at Cloddach **M&N**, Kilconquhar Loch **F**, Lendrick Mouth **A&D**, Loch of Tankerness **Ork**, 750 Folly Loch **B**, Stillgarry, South Uist **OH** & Loch of Lintrathen **A&D** during August-October. In the winter period there were 1,639 Montrose Basin **A&D**, 1,600 Caerlaverock **D&G**, 1,490 Whitrig **B**, 1,400 Carsebreck, 1,000 Kenneth Bank **D&G** & 1,050 Kinneil **Forth** with 500-999 at Water Sound **Ork**, Doonfoot **Ayr** & Inganess **Ork**. Once again many inland records of up to several hundreds in December. Best elsewhere: Clyde Is 300, Shet 230, & Fair Is 35.

Red Knot (Knot) *Calidris canutus*

	J	F	M	A	M	J	J	A	S	O	N	D
Deerness **Ork**	-	50	-	-	-	4	12	132	225	105	109	93
South Ford **OH**	122	63	42	38	70	-	12	55	160	250	145	-
Nairn/Culbin Bars	234	550	-	-	-	-	-	-	-	156	-	145
Tay Est. **F/A&D**	165	180	-	-	-	75	6	8	1	126	0	66
Eden Est. **F**	1590	960	430	-	-	-	-	-	-	300	800	510
North Forth **F**	1467	1133	-	-	-	-	-	-	-	-	-	1073
Musselburgh **L**	20	295	349	450	226	26	73	200	200	230	150	50
Aberlady **L**	1130	1250	570	340	52	12	36	47	202	380	1090	840

Winter/Spring: 1,300 Bo'ness **Forth**, 1,000 Balgove Bay **F**, 680 Powfoot **D&G**, 500 Carsethorn **D&G**, 350 Lossiemouth **M&N** & 105 Aignish, Lewis **OH** in January; 2,800 Montrose Basin **A&D**, 2,400 Kinneil **Forth**, 2,000 Torduff Point **D&G**, 480 Newbie **D&G**, 200 Cairnbulg **NE** & 185 Portgordon **M&N** in February; 166 Troon **Ayr** in March; 500 Rattray **NE**, 400 Lossiemouth & 200 Burghead M&N in April.

Max counts elsewhere: 70 A&D, 61 Ork, Arg 50, 44 Shet & just 1 Clyde.

Last Forth 3 June; Shet 8 June; OHeb 10 June; Fair Is 13 June; Ork 22 June.
Autumn/Winter: First Forth &Arg 24-26 June; Ork 2 July; Fair Is, Fife & Shet 5-8 July; M&N & OHeb 21-28 Jul. 210 Burghead in September; 2,054 Montrose Basin & 782 Findhorn Bay **M&N** in October; 3,000 Kinneil, 420 Mersehead **D&G** and 382 Seafield **F** in November; 1,700 Blackness **Forth**, 582 Ruddon's Point **F**, 350 Lossiemouth & 236 Mill Sands **Ork** in December.
Best counts elsewhere: 64 Shet, OHeb 49, Clyde Is 30, Arg 25, Ayr 21 & Clyde 12.
Inland birds: 1 Rigifa **NE** in March; 1 Vane Farm **P&K** in October with 3 there in December.

Sanderling *Calidris alba*

	J	F	M	A	M	J	J	A	S	O	N	D
N. Ronaldsay **Ork**	4	114	112	68	331	31	134	201	164	176	25	6
South Ford **OH**	300	195	300		-	-	65	-	260	-	120	-
North Bay **OH**	176	302	200	380	750	-	93	419	355	599	592	-
Nairn/Culbin Bars	112	157	-	-	-	-	7	46	-	73	-	101
Tay Est. **F/A&D**	75	8	-	-	55	-	30	100	74	81	65	36
Aberlady **L**	55	34	56	48	78	0	42	38	23	33	59	56

Winter/Spring: January-February peaks away from tabulated resorts include: 500 Aird an Runair, North Uist **OH**, 280 Peninerine, South Uist **OH**, 255 Tiree beaches **Arg**, 200 Barry **A&D**, 193 Forth Estuary **F** & 140 Ruddon's Point **F**. Later April-June peak as birds wintering further south pass through with 450 Sanday **Ork**, 200 Balmossie **A&D**, 150 Northwick, Papa Westray **Ork** & 100 L.Paible, North Uist **OH** & 100 Rattray **NE**. Best elsewhere: Ayr 33 & Shet 15.
Last birds Fife, Ork, Ayr & OHeb 3-12 June; Shet & Fair Is 15-18 June; Arg 25 June.
Autumn/Winter: First Shet 6 July; Fife, Fair Is, OHeb 15-17 July; Ork, Ayr & Arg 19-22 July.
116 flew past Machrihanish **Arg** on 10 Aug. Then passage peaks of 307 Tayport **F**, 300 Caerlaverock **D&G**, 300 Tiree, 188 Peninerine, 150 Grenitote, North Uist **OH**, 130 Leven **F** & 85 Virkie **Shet** during August-October. Wintering flocks: 466 Drimsdale, South Uist **OH**, 300 Balphetrish Bay, Tiree **Arg**, 200 Eden Estuary **F** & 123 Forth Estuary **Forth** & 100 Balmedie **NE** in November-December. Maxima elsewhere: Ayr 50, Clyde Is 30 & D&G 25.

Semipalmated Sandpiper *Calidris pusilla*

1 adult Dam Loch, Uyeasound, Unst **Shet** 16 June. *The second record for Shetland.*

Little Stint *Calidris minuta*

Area	M	J	J	A	S	O	N	Total
N.Isles	1	0	1	58	34	9	0	103
OHeb	1	0	0	5	11	11	0	28
N Scot	0	0	0	1	1	1	0	3
NE Scot	3	0	0	6	8	1	0	18
E/C Scot	1	0	0	12	4	7	1	25
S/E Scot	5	0	1	36	8	5	1	56
W Scot	0	0	0	3	20	4	0	27
SW Scot	0	0	0	3	1	1	10	15
2001	**11**	**0**	**2**	**124**	**87**	**39**	**12**	**275**
2000	6	5	5	26	125	25	2	238
1999	11	3	6	57	129	7	0	213
1998	21	5	9	20	1344	88	4	1491

Winter/Spring: 1 Aberlady **L** 10 May, 2 there on 19 May; 1 Skinflats **Forth** 11 May; 1 Ythan Estuary **NE** 17 May; 1 Tyninghame **L** 18 May; 1 Scuthvie Bay, Sanday **Ork** 19 May; 1 Musselburgh **L** 28-21 May; 1 Loch of Strathbeg **NE** 23-24 May; 2 Loch Paible, North Uist **OH** & 1 Ythan 27 May.
Autumn/Winter: First Ork & Loth 15-21 July; Shet & Fife 10-14 August; Arg, A&D, NE, Ayr & OHeb 21-27 August. Mostly 1-3 birds but 5 at Aberlady 13 August; 33 Pool of Virkie **Shet**, 15 North Ronaldsay **Ork** & 11 Aberlady 23-25 August; 9 Virkie, 6 Scatness **Shet** & 5 Loch of Tankerness **Ork** 13-17 September; 12S Machrihanish **Arg** 28 September; 7 Browhouses **D&G** 10 November. Last birds Arg, Ork, Fair Is, Ayr & Forth 4-7 October; OHeb & Shet 20-21 October; D&G 10 November; Fife 17 November while a single Musselburgh from 20 October to 11 December.

Temminck's Stint *Calidris temminckii*

Spring: 1 Seafield Pond **L** 11 May; 1 Slains **NE** 13-15 May with another there on 31 May; 1 Loch of Strathbeg **NE** 5-7 June; 1 Funzie, Fetlar **Shet** 14 June.
Breeding: **High** 1m at a single site was the worst year since 1984.
Autumn: 1 Musselburgh **L** 1-2 July with another 8-10 Juyl; 1 Balgarva, South Uist OH 26-27 September with another on 29 September.

White-rumped Sandpiper *Calidris fuscicollis*

Adult Loch of Strathbeg **NE** 3 August; adult Balgarva, South Uist **OH** 3-16 August; adult Pool of Virkie **Shet** 31 August-6 September; juvenile Cata Sound, Sanday **Ork** 3 October.

6th for Shetland; 8th for North-east Scotland, 12th for Outer Hebrides & 13th for Orkney.

Baird's Sandpiper *Calidris bairdii*

Juvenile Loch of Strathbeg **NE** 15-26 September; juvenile Loch Paible, North Uist **OH** 16-17 September with another there 21-22 September; 1 Findhorn Bay **M&N** 21-24 September; juvenile South Ness, Foula **Shet** 18-21 September. *Second record for Moray & Nairn, third records for Shetland & North-east Scotland; 10th-11th for Outer Hebrides.*

Pectoral Sandpiper *Calidris melanotos*

Spring: 1 Loch Mor, Benbecula **OH** 20 May; 1 Haroldswick **Shet** 21-23 May; 1 Loch of Strathbeg **NE** 6-7 June.

Autumn: 1 Loch of Tankerness **Ork** 17 July; 1st-s Braebuster **Ork** 29 July; 1 Garso, North Ronaldsay **Ork** 2 August; juvenile Lendrick Marsh **A&D** 29 August-4 September; juvenile South Ford, South Uist **OH** on 31 August-1 September; juvenile Hirta, St.Kilda **OH** from 2-14 September with further juveniles there 16-23 September and 10 October; juvenile Rubha Ardvule, South Uist **OH** 12 September; 1 Llanbryde **M&N** 28 September; juvenile Loch Bee, South Uist **OH** 7 October; 2 juveniles Ythan Estuary **NE** 8 October.

3 in spring and 13 in autumn. 7th records for Angus & Dundee & Moray & Nairn.

Curlew Sandpiper *Calidris ferruginea*

Area	M	J	J	A	S	O	N	Total
N.Isles	6	4	4	14	8	3	0	39
OHeb	10	6	0	1	22	61	2	102
NE Scot*	0	2	3	9	14	10	0	38
E/C Scot*	0	0	3	20	43	18	1	85
SE Scot	3	1	1	19	24	8	0	56
W Scot	1	0	0	0	20	6	2	29
SW Scot	5	0	1	1	3	2	0	8
2001	**25**	**13**	**12**	**64**	**134**	**108**	**5**	**162**
2000	5	9	10	160	178	11	0	382
1999	11	10	4	546	516	14	0	1409
1998	13	5	16	44	779	29	4	886

* numbers very approximate.

Spring: 8 Valleyfield Lagoons **F** on 22 March was exceptionally early record and a good count for spring migration.

A good spring followed: 1 Loch Fada, Benbecula **OH** 3 May; 1 Loch Paible, North Uist **OH** on 8 May; 1 Castle Semple Loch **Clyde** 9-10 May; 1 Ardivachar Point, South Uist **OH** 10 May; 1 Aberlady **L** 14 May.

Then 1-2 birds more widespread to the end of May with 3 Aberlady 19 May; 6 Loch Paible 27-28 May; 4 North Ronaldsay **Ork** 30 May; 5 Hougarry, North Uist **OH**, 3 Stronsay **Ork** & 1 Aberlady 10 June; 1 North Ronaldsay 10-12 June.

Autumn: First returned at Ork on 13 July; Ayr, Forth & Loth 18-20 July; M&N, D&G, Fife & Shet on 23-28 July. This was a very poor autumn with best counts of 3 L.of Tankerness **Ork** 18 July; 5 Virkie **Shet** & 5 Musselburgh **L** 22 & 25 August; 6 Montrose Basin **A&D** 7 September; 10 Eden Est. **F** 9 September with 11 there 16 September; 6 Findhorn Bay **M&N** 18 September; 8 Musselburgh 23 September; 15 L. a'Phuill, Tiree **Arg** 30 September; 14 North Bay, South Uist **OH** & 11 South Ford, South Uist **OH** 3 October; 8 Findhorn Bay & 5 Loch Bee, South Uist **OH** 7 & 9 October. Last Shet & Ayr 4-6 October; P&K, Forth, Fife & Ork 20-29 October; D&G, OHeb &Arg 6-13 November with the last 1 at Westhaven **A&D** 17 November.

Purple Sandpiper *Calidris maritima*

Winter/Spring: The best counts undoubtedly come from N&W Scotland in winter with excellent January-March counts of 334 Egilsay **Ork**, 200 Verran Is. **OH**, 200 Newark **Ork**, 177 Ardivachar Point, South Uist **OH**, 130 Aird an Runair, North Uist **OH**, 110 Lossiemouth **M&N**, 100 Portgordon **M&N**, 100 Thurso **Caith**, 70 Weyland Bay **Ork**, 56 Brora **H** & 56 Peninerine, South Uist **OH**. Further south there are fewer large counts with none above 100 birds, the best being 90 Gullane-Dunglass **L**, 80 Ardrossan **Ayr**, 70 Ayr **Ayr**, 61 Kinnaird Head **NE** & 50 Black Rocks **L**. Good April-May come exclusively from the N.Isles with

150 Backasakill, Papa Westray **Ork**, 123 North Ronaldsay **Ork**, 110 **Fair Is**, 60 Rackwick, Westray **Ork**, 50 Muckle Holm **Shet**.

Best counts elsewhere were A&D, Arg & Fife 28-35, D&G, Bord & Is of May 10-16.
Last Fife 4 May; Ayr & Is of May 17-18 May; Bord, Fair Is & OHeb 5-9 June.
Breeding: **High** a pair at the ususal site possibly bred.
Autumn/Winter: First Fife 1 July; Fair Is & Is of May 111-3 July; Bord 8 August; Shet 16 August. 203 **Is of May** in August; 92 Girdleness **NE** 85 North Berwick **L**, 80 Newark & 71 Peninerine in November; 112 Portessie **M&N**, 110 Birsay Bay **Ork**, 100 Aird an Runair & 70 Lady Is. **Ayr** in December. Best elsewhere: A&D 45; Arg 38, D&G & Fair Is 25-29, Clyde Is 13, Bord & Fife 6-7.
Numbers are diminishing in Fife.

Dunlin *Calidris alpina*

	J	F	M	A	M	J	J	A	S	O	N	D
N.Ronaldsay **Ork**	148	203	261	47	64	12	9	98	31	116	258	11
South Ford **OH**	2300	1960	1200	400	600	110	100	1000	77	312	1220	-
Nairn Bars **M&N**	2846	2400	-	-	-	-	-	32	-	114	-	363
Findhorn **M&N**	2000	250	-	-	45	-	78	43	280	1758	-	220
Eden Est. **F**	1283	700	-	460	-	-	200	-	200	1200	1,200	1,200
Tay Est. **F/A&D**	823	1774	-	-	80	2	18	45	205	1570	944	930
Aberlady **L**	480	590	520	320	280	117	182	320	110	260	460	380
Tyninghame **L**	609	771	-	-	150	43	-	60	250	463	617	1350

Winter/Spring: 5,500 Kinneil **Forth**, 4,750 Skinflats **Forth**, 2,560 Browhouses **D&G**, 778 Forth Est. **F** & 530 Ouse, Shapinsay **Ork** in January-February. Late passage birds produced good counts with 1,000 Ardivachar, South Uist **OH** & 500 Borran Point **D&G** in May.
Best elsewhere: Arg 499, Clyde 370, Ayr 350, A&D 330, NE 200, Shet 200 & Fair Is 28.
Breeding: **Shet** 28 pairs Hermaness & 7 pairs Noss; **Ork** 10 pairs Loch of Geniefea, 3 pairs each Watlee Moor, Vow Randie & Mel Fea on Hoy & 3 pairs Whitemill, Sanday plus singles at 3 other sites; **OHeb** 10 paors Monach Is.; **Caith** 5 pairs Beil of Duncansby; **M&N** 3 sites; **P&K** seen 4 sites in Rannoch; **Clyde** juv Daer Reservoir 29 July.
Autumn/Winter: Only lowish counts in the early autumn with 1,100 Loch Gruinart, Islay **Arg** & 1,000 Browhouses in July & August. The largest numbers arrive to winter in mid-late October with 9,180 Caerlaverock **D&G**, 6,900 Skinflats, 5,550 Kinneil, 1,790 Wigtown Bay **D&G**, 1,525 Montrose Basin **A&D**, 1,037 Clyde Estuary Clyde and 500-999 birds Torry Bay **F**, Bogside **Ayr** & Doonfoot **Ayr** in November-December. Best counts elsewhere were Ork 350, Shet 205, NE 183 & Clyde Is 150.

Broad-billed Sandpiper *Limicola falcinellus*

[1976] 1 Whalsay **Shet** 3 November *is now considered insufficiently documented after a review of all Shetland rarities in preparation for the Birds of Shetland.*

Buff-breasted Sandpiper *Tryngites subruficollis*

Winter/Spring: 1 North Rona **OH** 23-24 June.
Autumn: 1 Aberlady **L** & Musselburgh **L** 22 August; juv Frenchman's Rocks, Islay **Arg** 12 September; 1 Loch of Tankerness **Ork** 22 September; 1 Fleck **Shet** & Loch of Heusbreck **Shet** 24 September-2 October; juvenile North Rona **OH** 3 October; juvenile West Gerinish, South Uist **OH** 6-7 October.
12th records for Shetland & Orkney; 14th for Lothian; 20th-22nd records for Outer Hebrides.

Ruff *Philomachus pugnax*

Winter/Spring: A reasonalble winter with best count of 15 Barns of Ayre **Ork** & 5 Loch of Broadhouse **Ork** in January & 5 Bay of Suckquoy **Ork** in February rising to 11 there in March accounting for many of the wintetrers. 3 at at Strathbeg **NE**, 2 at the Eden Estuary **F** & 1 Musselburgh **L** .
First migrants at First Fair Is 29 March. Then A&D 11 April; Ork, D&G, Arg & OHeb 25-30 April; Shet & Loth 22-26 May. They were mostly 1-2 birds but there were 13 at Vane Farm **P&K** on 16 May;
Breeding: **Ork** 4mm at a lek on one of the northern isles 22 June, but no further evidence.
Autumn: First back OHeb on 23 July; Fair Is, Is of May & Arg 25-29 July; Forth 5 August.
40 Fetlar **Shet**, 28 **Fair Is**, 23 Hillwell **Shet**, 17 Montrose Basin **A&D** & 10 North Ronaldsay **Ork** on 20-23 August; 77 Slains **NE**, 62 Pool of Virkie **Shet**, 60 Musselburgh **L**, 23 Skinflats **Forth** & 23 Loch Leven **P&K** on 26-30 August; 12 at Tullibody Inch **Forth** & 11 Loch Bee, South Uist **OH** on

Area	J	F	M	A	M	J	J	A	S	O	N	D
N.Isles	20	5	12	1	4	4	8	202	47	24	7	13
OHeb	0	0	0	1	1	0	0	6	49	0	0	0
NE Scot	5	5	8	17	5	5	13	86	63	23	2	1
E/C Scot	1	2	0	3	14	1	5	72	55	16	6	4
SE Scot	1	1	0	1	2	0	3	98	88	10	0	0
W Scot	0	0	0	1	1	2	2	48	71	24	1	0
SW Scot	0	0	0	1	2	0	1	26	25	6	0	0
2001	**27**	**13**	**20**	**25**	**29**	**12**	**32**	**538**	**398**	**103**	**16**	**17**
2000	27	26	11	12	4	2	42	715	467	126	33	23
1999	18	5	14	14	23	9	31	151	363	89	22	36
1998	3	5	4	13	15	24	17	471	1417	397	49	8

1-2 September; 42 Slains, 23 Baron's Haugh **Clyde**, 20 Stillgarry, South Uist **OH** & 18 Walston **Clyde** & 12 Caerlaverock **D&G** 3-5 September; 13 Eden Est. 13 September; 10 L. a'Phuill, Tiree **Arg** 25 September 10 North Ronaldsay & 10 Comely **Ork** 1-2 October; 7 Redross **F** 23 October.
Winter: 13 wintered Barns of Ayre with 2 Eden Estuary & a single Slains in December.

Jack Snipe *Lymnocryptes minutus*

Area	J	F	M	A	M	A	S	O	N	D
N.Isles	14	10	4	5	0	0	88	98	28	18
OHeb	1	1	1	0	0	0	15	22	0	0
N Scot	0	0	0	0	0	0	0	0	1	0
NE Scot	3	3	1	1	0	0	2	14	0	22
E/C Scot	17	9	7	1	0	0	5	26	31	24
SE Scot	3	2	0	0	0	0	3	3	1	0
W Scot	27	28	8	8	0	1	21	37	37	37
SW Scot	4	3	1	0	0	0	0	2	20	31
2001	**69**	**56**	**22**	**15**	**1**	**0**	**114**	**189**	**107**	**132**
2000	68	40	35	13	0	0	141	149	90	71
1999	66	63	62	14	0	6	26	55	90	56

Winter/Spring: *c.*115 were noted during January-March with 36 Clyde, 14 Shet, 8-10 Forth, A&D, Ork & Fife, 3-5 Fair Is, NE, Ayr, D&G, Loth & OHeb and 1-2 M&N, P&K, Arg & Bord.
Best counts counts:15 Littleton Reservoir **Clyde**, 8 Quendale **Shet**, 4 Cocklemill Marsh **F** & 4 Elliot **A&D** during January; 3 Windlaw Marsh **Clyde**, 3 Hogganfield Loch **Clyde** & 3 Cladance Moss **Clyde** in February.

Last Shet 15 March; Forth 7 April; NE & Clyde 23-24 April. 1 Glengedale, Islay **Arg** 20 May.
Autumn/Winter:1 Goosepools **F** 7 September; then Fair Is & Shet 16-18 September; P&K, M&N, Loth, Ork, Bord, Is of May, Arg, NE & Clyde 21 Sep-1 Oct; A&D, Forth & D&G 10-21 October.
A record 60 **Fair Is** & 12 Foula **Shet**, 8 North Rona **OH** & 6 St.Kilda **OH** 25-27 September; 4 North Ronaldsay **Ork** 4 October; 5 Cocklemill 11 October; 25 Fair Is, 12 Out Skerries **Shet**, 9 Goosepools and 6 Windlaw Marsh 19-27 October. The best November-December counts were 19 Kingsteps/Culbin **M&N**, 19 Balcraig Moor **D&G**,14 Gartshore Moss **Clyde**, 13 Earnmouth **P&K**, 12 Shewalton **Ayr**, 10 Craigmarloch **Clyde** & 6-8 birds at Littleton Reservoir, Windlaw Marsh, Whaupmill **D&G**, Balgray Reservoir **Clyde**, Seamill **Ayr** &Kinneil **Forth**.
c. 209 birds November-December with 58 Clyde, 26 D&G, 20 Ork, 19 M&N & Ayr, 12-16 Fife, P&K & Forth, 7 Fair Is & Shet, 4 Arg, 1-2 A&D,NE, Caith & Loth with none OHeb & Bord.
There were records numbers in Fair Is and M&N but poor on Is of May, Loth & Bord.

Common Snipe *Gallinago gallinago*

Winter/Spring: There were 100 Egilsay **Ork**, 95 The Loons **Ork**, 70 Loch of Ayre **Ork**, 61 Stevenston **Ayr**, 53 Castle Semple Loch **Clyde**, 49 Archwood **D&G**, 45 Loc hof Clickimin **Shet**, 41 Loch Bee, South Uist **OH**, 39 Heritage Loch **Clyde**, 35 Roundyhill **A&D** & 31 Paisley Moss **Clyde** during January-February with 36 Aberlady **L** in March. Passage was good on **Fair Is** with 64 on 30 Mar & 4 counts of 50 in April.
Best elsewhere: 27 Forth, 24 NE, 17 Fife, 10-11 Arg & M&N, 8-9 P&K & Bord.
Breeding: **Shet** 21pairs Hermaness & 7 pairs Mousa; **Ork** 10 pairs Fersness; **OHeb** 20+ pairs Village Bay, St.Kilda & 8 pairs Monach Is.; **NE** display noted 7 sites; **A&D** 5 sites; **P&K** 11prs Vane Farm, also 3 other sites; **Bord** 20mm noted 14 sites; **Arg** 68 pairs Loch Gruinart, Islay, 42mm Colonsay, 34 pairs Ardnave, Islay, also numerous other sites; **Ayr** 19mm at 9 sites; **Clyde** 33mm at 13 sites with 5 Hardridge, 4 Whiteless Moor & 4 Fyn Loch; **D&G** 18prs Mersehead. First display OHeb 6 March; Ork 23 March; D&G 29 March; A&D 4 April. First young Caith 20 May; Fife 26 June; Clyde 8 July.

Autumn/Winter: 60 Fair Is & 52 Lendrick Marsh **A&D** in late August; 500 Tiree **Arg**, 94 The Loons, 65 Balbarton **F**, 65 Balgray Reservoir **Clyde** & 60 Baleshare, North Uist **OH** in September; 241 North Ronaldsay, 224 Loch of Saintear, Westray **Ork**, 84 Fair Is, 70 North Boisdale, South Uist **OH**, 66 Newshot Is. **Clyde**, 60 Uyeasound **Shet**, 60 Bemersyde **B**, 60 Auchencairn Bay **D&G** in October; 260 North Ronaldsay, 170 Blantyre Muir **Clyde**, 140 Aird Meadow **Clyde**, 138 Stenness **Ork**, 120 Hillwell **Shet**, 120 Bogside **Ayr**, 144 L.of Saintear & 110 Blairbowie **Ayr** & 47 RAF Kinloss **M&N** in November-December.

Great Snipe *Gallinago media*

1 **Fair Is** 29 May was only the second-ever spring record for the island. *A blank autumn is unusual.*

Eurasian Woodcock (Woodcock) *Scolopax rusticola*

Winter/Spring: *c.*363 birds reported January-February: 11 D&G, 47 Fife, 31 Clyde, 27 M&N & NE, 15-18 Shet, Bord, Ork & Arg, 12 A&D, 7-9 Fair Is, Shet, OHeb, Loth & Forth but just 3 Caith & Ayr. 110 were flushed by shooters at just 2 sites near Moffat **D&G** in January while under the spotlights at Leuchars **F** there were 26 on 14 January with 23 there 9 February. Heavy snow in 4-12 February produced good numbers including 16 Loiriston Loch **NE**, 6 Kinnaber Links **A&D** & 5 **Fair Is**. Further snow on 3-4 Mar produced more birds with 50 St.Abbs Head **B**, 12 in 200m of Newbold Wood **M&N** & 6 at Stonehaven **NE** on 4 March. An impressive fall on 30 March included 50 Fair Is & 22 North Ronaldsay **Ork** with further good numbers in April at North Ronaldsay, maximum 26 on 24 April.

Breeding: Reports of roding/summer birds are scarce with records from 6 sites Clyde, 4-5 sites in P&K, Forth, Bord & Ayr and 2-3 sites in A&D, D&G, M&N, NE & Fife. Nests are even scarcer but 3 were found in Forth. The best site counts were 6 Whitelee Forest **Clyde**, 6 Stinchar **Ayr** & 4 Colonsay **Arg**. First roding Bord 5 Mar; Forth 15 Mar; Fife 15 Apr; M&N 23 Apr.

Autumn/Winter: There was a definite fall in mi-late October with 30 Out Skerries **Shet**, 14 Montrose **A&D**, 10 **Is of May**, 5 St.Abbs & 3 Barns Ness **L** on the 18-19 October followed by 65 Fair Is, 26 North Ronaldsay, 11 Is of May, 10 Fife Ness **F**, 6 Sumburgh **Shet** & 3 Duncansby Head **Caith** on 21-24 October.

There were *c.*83 November-December records from 18 Clyde, 13 Ayr, 11 Bord, 6-8 Forth, Shet, OHeb, NE, Fife & Loth, 2 Caith & 1 A&D with a small influx in late December in Shet & Bord,

Black-tailed Godwit *Limosa limosa*

	J	F	M	A	M	J	J	A	S	O	N	D
Ythan/Slains **NE**	3	3	0	2	16	0	38	25	15	33	20	18
Strathbeg **NE**	0	0	4	17	4	3	38	15	17	2	0	0
Edenmouth **F**	153	160	220	308	60	22	150	240	208	246	255	198
Kinneil **Forth**	29	41	17	19	0	0	2	90	90	114	50	18
Skinflats **Forth**	20	0	0	55	6	3	13	11	22	36	100	28
Musselburgh **L**	1	1	2	11	6	6	69	35	16	3	1	1
Aberlady **L**	1	0	0	15	0	0	1	13	0	0	0	0

Winter/Spring: The first Icelandic migrants appeared at OHeb on 11 March; Clyde 7 April; Arg & Shet 22-29 April; Caith & Fair Is 13 May. The first large party was 56 Caerlaverock **D&G** 9 April; 37 Aird Meadow **Clyde**, 19 Folly Loch **B** and 15 Aberlady **L** 22-23 Apr; 41 Blairbowie **Ayr** & 36 West Ferry **Clyde** 26 April; 140 Balgray Reservoir **Clyde**, 51 Graemeshall Loch **Ork**, 40 Loch Gruinart, Islay **Arg** and 15 Hougarry, North Uist **OH** on 28-29 April; 16 Loch of Tingwall **Shet** 3 May.

A lightweight spring passage compared to recent years.

Breeding: **Shet** 3 pairs held territory with 1 pair fledging 1 young, also a non-breeding flocks of 5 birds; **Ork** 5 pairs Mainland with 3 pairs rearing young, also 2 further pairs in suitable habitat; **OHeb** 15 birds summered at one site with display but no further evidence of breeding; **D&G** a pair summered Mersehead with another pair at undisclosed Galloway site.

Prospecting birds in D&G and OHeb may represent a significant extension of the Scottish range.

Autumn/Winter: The return passage started in late-July with 78 Montrose Basin **A&D**, 69 Musselburgh **L**, 59 L.an Eilean, Tiree **Arg**, 40 Rubha Ardvule South Uist **OH** & 22 Duns Dish 25-27 July, presumably mostly non-breeders. The breeding population trickled in with 22E Lossiemouth **M&N** 18 August; 24 Pool of Virkie **Shet** 31 August; 53 South Forth, South Uist **OH**, 42 Ardivachar, South

Uist **OH**, 38 Mill Dam,, Shapinsay **Ork** & 15 Longhaugh Point **Clyde** 2-6 September; 74 Browhouses **D&G** & 37 Loch a'Phuill, Tiree **Arg** 15-17 September; 114 Kinneil **Forth** & 23 Roseisle **M&N** 21-23 October. 30 Crossbanks **D&G** 2 December.

Bar-tailed Godwit *Limosa lapponica*

	J	F	M	A	M	J	J	A	S	O	N	D
South Ford **OH**	868	1042	730	360	-	-	46	189	800	510	700	-
Tay Est. **F/A&D**	644	1100	-	-	-	45	120	72	1003	573	518	920
Forth Est. **F**	437	316	-	-	-	-	-	-	334	526	363	257
Musselburgh **L**	230	300	783	221	114	150	375	564	446	894	480	750
Dalmeny **L**	480	480	6	115	125	90	100	200	130	26	200	320
Aberlady **L**	260	276	126	72	7	17	89	263	118	129	221	290

Winter/Spring: There were few other large numbers with 850 Buddon **A&D**, 260 Nairn Bars **M&N**, 255 Traigh Vallay, North Uist **OH**, 250 Kinneil **Forth**, 230 Burntisland **F**, 227 Montrose Basin **A&D** & 220 Burghead Bay **M&N** in January-February; 250 Balmossie **A&D** & 156 St.Peters Pool **Ork** in March-April.

Autumn/Winter: 700 Sanday **Ork** in July; 500 Burntisland, 410 Tayport **F**, 351 Findhorn Bay **M&N** & 204 Nairn Bars in September-October; 158 Loch Gruinart, Islay **Arg**, 155 Mill Sands **Ork** & 120 Ythan Estuary **NE** in December. The only freshwater reports was 26 St.John's Pool **Caith** in August.

Whimbrel *Numenius phaeopus*

Winter/Spring: Overwintering singles at Dunglass **L/B** and at Stevenston **Ayr**, lingering to 25 February and 4 April respectively. The first migrants at _Ythan Estusary **NE** & Caerlaverock **D&G** 31 March; followed in High & Ayr 9-11 April; Caith, Fair Is & Arg 16-18 April; OHeb, Fife, Clyde & Ork 22-26 April; A&D, P&K & Is of May 29-30 April; M&N, Shet & Bord 2-7 May.

The best parties were 28 Ythan Estuary 3 April; 27 **Fair Is**, 20 St.John's P. **Caith**, 13 Oronsay **Arg** and 7 Marwick Head **Ork** 25-29 Apr; 38 Martnaham L. **Ayr** & 22 Mannal, Tiree **Arg** 1-3 May; 30N Ludaig, South Uist **OH**, 26 Ythan, 25 Machrihanish **Arg**, 16 Smerclate, South Uist **OH** , 8 North Ronaldsay **Ork** & 7 Barns Ness **L** 4-5 May; 50 St.John's Pool, 15 Seafield **D&G** & 12 Calder Mouth **Clyde** on 10 May; 20 St.Kilda **OH**, 20 Tayinloan **Arg**, 15 Croig, Mull **Arg** & 14 Fidden, Mull **Arg** 17 May; 14 Lamba Ness, Unst **Shet** 22 May; 18 Clachtoll **H** 28 May.

Breeding: **Shet** there were fewer in some areas: **Ork** 4 pairs West Mainland & 1 pair Rousay; **OHeb** 3 pairs North Uist & 1 pair Lewis & Harris; **High** young seen at an undisclosed site.

Autumn/Winter: The first returning birds were at Fair Is, Arg & Forth on 1-4 July; A&D 15 July; Fife, Bord & Is of May 18-21 July. 15 Winchburgh **L** & 10 Eden Est. **F** 15-17 July; 16 Bu Sands, Burray **Ork** on 28 July; 50 Ythan, 32 North Ronaldsay, 22 Vallay, North Uist **OH** & 15 Fair Is on 2-5 August; 25 Tyninghame **L** 13 August; 150 Kyles, North Uist **OH**, 60 Tentsmuir **F**, 36 Fife Ness **F** & 32 Musselburgh **L** 18-19 August; 55 Loch Don, Islay **Arg**, 31 Machrihanish, 12 Lerwick **Shet**, 12 Aikerness **Ork** & 11 Skinflats **Forth** 20-24 August; 15 Strathy Point **H**, 15S Grimnish Point, South Uist **OH**, 15 Loch of Strathbeg **NE** & 10 Goosepools **F** 25-27 August; 106 Loch Don 5 September; 10 **Is of May** 10 September. Last Shet, D&G, NE & Fife 17-13-18 September; Is of May, Fair Is & OHeb 20-22 September; Bord, Arg & Loth 5-7 October.

Winter: 1 Burray **Ork** 25-28 November with the bird wintering once more at Stevenston & Dunglass. 5 were seen taking off from surface of the sea near Ailsa Craig **Ayr** on 20 August.

Eurasian Curlew (Curlew) *Numenius arquata*

Winter/Spring: Away from the main resorts, the best January-March counts were 1,055 Loch of Harray **Ork**, 1,050 Newark Bay **Ork**, 1,050 Scar Point **D&G**, 980 Ardmore Bay **Clyde**, 653 Montrose Basin **A&D**, 640 Widewall Bay **Ork**, 517 Nairn Bars **M&N** & 500 Whinnyfold **NE**, with 300-499 birds at Skinflats **Forth**, Bruchag, Bute **Clyde Is**, Dumbarnie **F** & Inverurie **NE**.

Rare inland flocks in winter - 60 Rossie Bog **F**, 20 Scone **P&K**, 14 Garvald Quarry **Clyde** & 2 Dunsyre **Clyde** in January. The return inland was from mid-February with 277 Inverurie **NE**, 130 Scone, 90 Merryton **Clyde** & 51 Dunsyre 16-19 February; 215 Drumclog **Clyde** & 200+ Deil's Dyke **Ayr** on 11-13 March; 324 Loch Leven **P&K**, 250 Westruther **B** & 210 Freuchie **P&K** 16-18 March.

	J	F	M	A	M	J	J	A	S	O	N	D
Ythan **NE**	841	659	-	443	111	132	931	916	465	996	63	176
Strathbeg **NE**	200	150	294	34	50	299	376	250	420	230	180	217
Forth Est. **F**	301	686	-	-	-	-	-	-	1254	586	338	613
Dalmeny **L**	120	830	860	90	32	112	900	720	440	180	-	240
Aberlady **L**	203	324	376	334	51	210	373	430	316	341	210	125
L.Indaal **Arg**	403	245	192	81	21	20	197	392	471	427	339	405
Clyde Est. **Clyde**	1170	1604	1060	-	-	-	-	-	1370	1539	780	1294

Breeding: **Fair Is** 6 pairs bred, 5 successfully; **Ork** 10 pairs L.of Banks & 8 pairs Skaill; **Caith** 8 pairs Beil of Duncansby; **M&N** 5 pairs Tomintoul; **P&K** 15 pairs Loch Leven, 13 pairs Carsebreck & 5 pairs Vane Farm; **Fife** noted breeding at just 4 sites; **Bord** 24 pairs at 5 sites with 9 pairs Mountbenger; **Arg** 24 pairs Loch Gruinart, Islay; **Clyde** 25 pairs at 20 sites; **Ayr** 15 pairs at 10 sites; **D&G** 6 pairs Mersehead. First young A&D 7 June; OHeb 12 June; Bord 17 June.

Autumn/Winter: 1, 364 Inch Gek **NE**, 1,200 Montrose, 790 Rango **Ork**, 737 Loch Leven, 520 Mersehead **D&G** & 520 Kinneil **Forth** in July-August; 1,055 Loch of Harray, 883 Wigtown Bay **D&G**, 696 Valleyfield Lagoons **F**, 600 Carstairs **Clyde** & 300 Straad, Bute **Clyde Is** in September-October; 898 Eden Estuary **F** & 855 Widewall Bay & 660 The Ouse **Ork** in November-December. Inland December records include: 95 Kippit Farm **Clyde**, 23 Hoprig **B** & 13 Twechar Marsh **Clyde**.

Spotted Redshank *Tringa erythropus*

Area	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles	0	0	0	0	0	1	0	2	2	0	0	0	5
OHeb	0	0	0	0	0	0	0	2	1	0	0	0	3
N Scot	0	0	0	0	3	0	0	0	0	0	0	0	3
NE Scot	0	0	0	2	4	0	2	2	3	2	0	0	13
E/C Scot	2	2	2	3	2	5	2	7	4	2	0	0	24
SE Scot	0	0	0	0	0	0	0	6	2	2	0	0	10
W Scot	0	0	0	0	0	0	0	1	0	0	0	0	1
SW Scot	0	0	0	0	0	0	0	4	4	0	0	0	6
2001	**2**	**2**	**2**	**5**	**9**	**5**	**4**	**24**	**16**	**6**	**0**	**0**	**66**
2000	0	2	0	7	3	1	1	24	33	18	6	2	95
1999	1	1	2	3	4	0	4	28	26	13	4	1	85
1998	4	3	6	9	3	0	7	17	26	11	4	2	91

Winter/Spring: 2 wintered at Kinneil **Forth** 12 January-28 April. The first singles were seen at Tayport **F** & Loch of Strathbeg **NE** 22 April with another Strahbeg on 28 April. 1 was at Forsinard **H** on 1 May, followed by 4 singles at Strathbeg on 4-12 May & 1-2 Vane Farm **P&K** 9-13 May. 2 at St.John's Pool **Caith** 20 May completed a quiet spring.

Autumn/Winter: The first of the autumn passage were singles Cogbrae **P&K** 23 June & Montrose **A&D** on 25 June with 3 there on 26 June and 1 at Invergowrie Bay **A&D** on 30 June. There were only single birds through the autumn other than 2 Strathbeg & Ythan in late August/early September, 4 at Tyninghame **L** on 22 August and 2 on the Eden Estusary **F** on 8 September. Last birds D&G, OHeb & Shet 14-30 September; Forth, NE & M&N 7-13 October; Loth & Fife 21-26 October.

Common Redshank *Tringa totanus*

	J	F	M	A	M	J	J	A	S	O	N	D
Widewall Bay **Ork**	220	170	30	-	-	-	-	-	60	40	193	140
Nairn Bars **M&N**	511	107	-	-	-	-	-	-	-	56		321
Findhorn Bay **M&N**	600	270	430	206	-	-	-	163	380	950	-	185
Ythan **NE.**	533	725	-	918	13	19	792	1277	1230	1160	597	698
Tay Est. **F/A&D**	564	751	-	-	-	-	225	54	1089	1068	844	624
Eden Est. **F**	1160	850	-	-	-	-	-	1048	1350	-	-	-
Forth Est. **F**	816	968	-	-	-	-	-	-	1296	918	1547	1204
Dalmeny **L**	240	390	320	560	9	6	370	600	710	430	500	260
Musselburgh **L**	222	200	271	321	4	29	296	193	424	275	190	50
Aberlady **L**	129	131	120	159	12	19	122	127	141	162	142	147
Clyde Est. **Clyde**	2125	2324	-	-	-	-	-	-	1356	1616	2433	1840

Winter/Spring: Away from the sheltered firths 488 were along the rocky shore sbetween Gullane-English border **L/B** in January. The main sites away from those tabulated above peaked in February-April with 1,574 Forth Estuary **Forth**, 687 Invergowrie **P&K**, 450 Caerlaverock **D&G**, 350 Leven **F**, 340 Port Glasgow **Clyde** & 240 Lossie Estuary **M&N**.

In inland areas a few birds overwintered with 12 River Tay at Elcho **P&K**, 6 Loch Leven **P&K**, 4 River Tweed at Lees **B** & 1-2 Strathclyde Loch **Clyde**, Crailing **B** & Baron's Haugh **Clyde** in January.
Some early arrivals in February that were forced to leave due to the weather included 40 Cobbinshaw **L**, 6 Baron's Haugh and 1 Kildean **Forth**. Arrivals back on territory at P&K were from 7 March; OHeb & Forth 11-12 March & Bord 16 March.
600 at Killin on Loch Tay **Forth** 4 April was an unprecedented flock and suspected to be Icelandic passage migrants, as may well have been the 132 at Kinnordy **A&D** on 22 April.
Breeding: **Ork** 58 pairs The Loons, 13 pairs Mill Dam, Shapinsay; 11 pairs Skaill, 10 pairs Birsay Moors; **OHeb** 24 pairs Monach Is., 34 paurs Carishader, Lewis; **P&K** 7 pairs Vane Farm & 4 pairs Carsebreck; **Loth** 6 pairs Aberlady; **Bord** 33 pairs at 23 sites; **Arg** 105 pairs Loch Gruinart, Islay, 30 pairs Ardnave, Islay, 15 pairs Coll reserve, 11 pairs Oronsay & 8 pairs Colonsay (14 & 13 respectively in 2000); **Clyde** 22 pairs at 16 sites with 5 pairs Bridgend Pool; **D&G** 11 pairs Mersehead. Elsewhere much smaller numbers were reported at many fewer sites with with 7-8 NE & Fife, 6 Loth, 3-4 A&D, M&N & Ayr. First young Ayr 30 May; Shet 12 June; Bord 19 June.
Autumn/Winter: 2,250 Montrose Basin **A&D** & 1,031 Carsethorn **D&G**, 200 Fair Is & 125 Virkie **Shet** in July-August; 2,037 Forth Estuary, 1,345 Kinneil **Forth**, 400 Valleyfield Lagoons **F**, 357 Mersehead D&G & 300 Tayport **F** in September-October; 653 Skinflats **Forth** in December.
Fewer December inland birds with singles Balgray Reservoir **Clyde** & Endrick Mouth **Clyde**.

Common Greenshank (Greenshank) *Tringa nebularia*

Winter/Spring: Considerable numbers, *c*.92, now wintering with best January-February counts of 13 Finlaystone Point **Clyde**, 10 Bayhead, North Uist **OH**; 7 Tyninghame **L**; 6 Hunterston **Ayr**, 5 North Ford, North Uist **OH**; 4 each at Loch Bee, South Uist **OH**, Rough Is. **D&G**, South Ford, South Uist **OH** & The Strand, Colonsay **Arg**; 3 each at Elcho Castle **P&K**, Valleyfield Lagoons **F**, Eden Est. **F** & Mull **Arg** & 1-2 birds in OHeb (5), Clyde (4), Ayr (5), D&G (3), NE (2), Ork, Fife & Forth.
The first passage migrants were in D&G on 10 March; High 13 Mar; Fife, P&K & Caith 29 March-4 April; Arg, Fair Is, High & OHeb 10-13 April; M&N, A&D, Loth, Ork & Shet 20-27 Apr. Mostly 1-2 birds.
Breeding: **Shet** 2 pairs bred West Mainland; **OHeb** 3 pairs west Lewis, 2 pairs north Harris, 4 pairs south Harris & 18 pairs North Uist; **High** 65 pairs at 16 sites; **P&K** 1 pair but no evidence of success; **Loth** a bird summered Bavelaw 12 June-17 August; **Arg** pair north Argyll, adult with young Mull & 2 summered Oronsay.
Autumn/Winter: First migrants Clyde 25 June; Bord & Fife 1-3 July; Ork & P&K 8-12 July; M&N, D&G & Fair Is 16-23 July. Best counts were 7 Ythan Est. **NE** 14 July; 7 Browhouses **D&G** 21 July; 11 Finlaystone Point & 8 Loch Beg, Mull **Arg** 3 August; 21 Edenside, 10 Bogside, 7 Hunterston & 4 Findhorn Bay **M&N** 15-17 August; 40 Musselburgh **L**, 23 Aberlady **L**, 17 Ythan, 13 Montrose **A&D** & 11 Skinflats 18-19 August; 18 Tyninghame **L**, 11 Fetlar **Shet**, 9 Lochar Water **D&G** & 7 St.Abbs **B** 21-23 Aug; 8 Loch Don, Tiree **Arg**, 7 Loch Leven **P&K** & 6 Loch of Hundland **Ork** 26-31 August; 19 Browhouses 9 September; 8 Loch Paible, North Uist **OH** & 7 Auchendores Reservoir **Clyde**16-21 September; 26 Caerlaverock 7 October; 17 Eden Estuary 13 October. Last Clyde Is & Shet 21-28 September; NE & M&N 13-19 October; Ork & OHeb 27 October; P&K 13 November; Fair Is 16 November.
42 December records of likely wintering birds with 11 Finlaystone Point, 7 Tyninghame, 4 each Bogside, Loch Beg & Eden Estuary, 3 Hunterston with singles Loch Gruinart, Islay **Arg**, Loch Coalisport **Arg**, Cardross Bay **Clyde**, Skinflats, Seamill, Doonfoot, Blackness & Mersehead.

Marsh Sandpiper *Tringa stagnatilis*

[2000] 1st-w Dingwall **H** 4-5 October.

Green Sandpiper *Tringa ochoropus*

Winter: Better than usual numbers wintering with 12 birds in January - 3 Mersehead **D&G** and singles Ballochruin Pool **Clyde**, Montrose Basin **A&D**, Blackdevonmouth **Forth**, Cameron Reservoir **F**, Saline **F**, Aberlady **L**, Carnsalloch **D&G**, Hollywood **D&G** & Moffat **D&G**. February singles Cluden Water **D&G**, Garvald **Clyde/B** & Cults **NE** with March singles Kilbane Quarry **D&G** & Carron **Forth**.

Area	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles	0	0	0	3	2	0	8	28	6	1	0	0	46
OHeb	0	0	0	0	0	0	0	2	0	0	0	0	2
N Scot	0	0	0	0	0	0	2	3	0	0	0	0	5
NE Scot	0	1	0	0	0	1	6	17	1	0	0	0	26
E/C Scot	3	3	1	1	0	0	2	56	1	3	1	3	75
SE Scot	1	0	0	1	0	2	5	29	6	0	0	0	44
W Scot	1	2	1	0	1	1	5	9	5	1	0	0	17
SW Scot	7	1	1	0	0	0	2	5	1	6	1	4	28
2001	**12**	**7**	**3**	**5**	**3**	**4**	**30**	**148**	**20**	**11**	**2**	**7**	**221**
2000	4	3	12	24	3	1	16	89	20	2	10	4	186
1999	1	1	2	3	4	0	4	28	26	13	4	1	87
1998	4	3	6	9	3	0	7	17	26	11	4	2	91

Spring: First birds Shet, A&D, Loth & Fair Is 24 April; Ork 4 May; Clyde 17 May. Mostly singles.
Breeding: **High** 1-2 pairs bred at a site for the thrid year running.
Autumn: First return migrants NE & Clyde 23 June; Fair Is, Bord & Ork 9-19 July; Shet, Ayr, Caith & Fife 25-28 July. As usual it was mostly 1-2 birds except for 3 Ballochruin 24 July; 4 Montrose Basin 15 August; 19 **Is of May**, 7 Aberlady, 6 Strathbeg **NE**, 5 **Fair Is** & 3 Eyemouth **B** 19-20 August; 5 Fair Is & 3 Loch of Heusbreck **Shet** 22-26 Aug.
Last Fair Is, Fife & Ork 1-13 Sep; Loth & Bord 21-22 Sep; Shet 12 Oct; Clyde 28 Oct.
Winter: Winter singles at Montrose Basin, Skinflats **Forth**, Mersehead, Hollywood, Carnsalloch, Cluden, Blackdevonmouth & R.Carron with new birds Loch Leven **P&K** & Loch Ken **D&G**.

Wood Sandpiper *Tringa glareola*

Area	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles	0	0	0	0	17	5	0	3	1	0	0	0	26
OHeb	0	0	0	0	0	0	0	2	0	0	0	0	2
N Scot	0	0	0	0	2	0	0	0	0	0	0	0	2
NE Scot	0	0	0	0	0	0	0	1	0	0	0	0	1
E/C Scot	0	0	0	0	11	6	1	7	1	0	0	0	25
SE Scot	0	0	0	0	3	1	2	15	1	0	0	0	22
W Scot	0	0	0	1	3	0	0	0	0	0	0	0	4
SW Scot	0	0	0	0	1	1	2	3	0	0	0	0	7
2001	**0**	**0**	**0**	**1**	**38**	**13**	**5**	**31**	**3**	**0**	**0**	**0**	**89**
2000	0	0	0	2	29	6	8	30	5	0	0	0	76
1999	1	1	2	3	4	0	4	28	26	13	4	1	87
1998	4	3	6	9	3	0	7	17	26	11	4	2	91

Winter/Spring: First 1 Aird Meadow **Clyde** 29 April; then P&K, Loth, Shet, NE & Ork 8-12 May; A&D, D&G, Arg, Is of May,High & Fair Is 14-20 May. Mainly 1-2 birds but 4 Strathbeg **NE** 14 May; 3 Baltasound **Shet** 22 May; 3 Haroldswick **Shet** 29 May; 2 Lendrick **A&D** 8 June.
Breeding: **High** 4 pairs probably bred at one site, a pair probably bred at another and singles were present at another 3 sites in May & June as the population apparently expands.
Autumn/Winter: First A&D & Ayr 25-29 July; OHeb& NE 4-7 August; D&G & Shet 12-24 August. Mostly singles birds but 2 Cove **B** 13 July; 11 Aberlady **L** 23 August; 2 Whalsay **Shet** 24 August.
Last A&D & Shet 30-31 August; 1 Strathbeg & Loch of Lythes, South Ronaldsay **Ork** 23 September.

Common Sandpiper *Actitis hypoleucos*

Winter: 1 wintered at the Cart/Clyde confluence **Clyde** from 2000 to 3 March, another single was on the River Tay at Elcho Castle **P&K** on 28 January.
Spring: First Loch Don, Islay Arg 29 March; then P&K, Clyde & Fife 5 April; NE, OHeb, M&N, D&G, Forth & Loth 9-13 April; A&D, Ayr, High, Fair Is, Clyde Is, Ork & Bord 20-25 April; Shet 3 May. Best counts were 10 Pow Burn **Ayr** 26 April; 9 Dunblane **Forth** 29 April; 7 Musselburgh **L** 17 May.
Breeding: **Shet** pairs at 2 sites Unst, the first for 20 years and the first-ever breeding Whalsay & also 6 sites on Mainland; **Ork** bred Loch of Swannay & Loch of Hundland on Mainland & at Sandy Loch on Hoy, there were also 3 other Mainland pairs and another on Hoy; **OHeb** 3 pairs noted Lewis, 4 pairs Harris, 19 pairs North Uist, 15 pairs South Uist included 10 pairs Loch Druidibeg; **M&N** 33 pairs

Common Sandpiper, Manor Valley, Borders

in 6 areas with 11 pairs Limekilns-Findhorn Bay & 9 pairs Garmouth-Fochabers; **A&D** 7 sites; **Fife** 1 site; **Forth** 11 pairs Glen Finglass Reservoir; **Bord** 72 territories noted with 12 pairs St.Mary's Loch, 9 pairs Talla Reservoir & 6 pairs Rankle Burn; **Arg** 27 pairs Colonsay, 5mm Treshnish Is. & 6 pairs Loch Fyne; **Clyde Is** bred 4 sites Arran; **Clyde** 54 pairs at 41 sites; **Ayr** 30 pairs at 19 sites with 4-5prs Muirhead Reservoir. Young Clyde Is 4 June; A&D 10 June; Bord & M&N 16-19 June; Fife 1 July.
Autumn: First on coast at Loth 18 June; Forth 3 July. 14 Erskine **Clyde** 5 July; 12 Lecropt **Forth** 7 July; 10 Camphill Res. **Ayr** 9 July; 12 Caerlaverock **D&G** 13 July; 63 Montrose Basin **A&D** 23 July; 8 Kincorth **M&N** 24 July; 14S Machrihanish **Arg** 26 July; 18 Ballantrae **Ayr** 29 July.
An exceptional coastal movement 18-22 August - 50 **Is of May**, 23 Earlsferry **F**, 15 **Fair Is**, 11 Kilconquhar Loch **F** , 9 Anstruther **F**, 8 St.Abbs/Eyemouth **B**, 8 Fife Ness **F**, 7 North Ronaldsay **Ork** & 7 Skateraw **L** , **Fair Is**, 9 Anstruther **F**, 7 North Ronaldsay **Ork** & 7 Skateraw **L**. 15S Machrihanish 22 August may also have been part of this movement. 12 Is of May 29 August. Last birds M&N, OHeb, Fair Is, Ayr & Forth 1-9 September; Loth, Bord, Arg & NE 20-30 September; D&G & Fife 4-8 October; Ork 20 October.
Winter: Winter reports continue to increase with 1 Black Cart Water **Clyde** 7 October-26 December; 1 Angle Park **F** 24 November; 1 Endrick Mouth **Clyde** 7 December; 1 Kirkcudbright **D&G** on 17 December; 1 Kilmaun **Arg** 31 December.

Ruddy Turnstone (Turnstone) *Arenaria interpres*

	J	F	M	A	M	J	J	A	S	O	N	D
Fair Isle	96	75	125	117	60	17	35	107	68	115	90	120
N.Ronaldsay **Ork**	2	58	66	121	180	36	75	96	283	226	58	28
Ardivachar **OHeb**	421	270	-	400	400	-	-	123	161	300	561	-
South Ford **OHeb**	91	110	-	200	-	-	-	71	-	-	86	-
Peterhead **NE**	53	100	140	65	24	1	2	65	55	60	82	97
Forth Est. **F**	151	243	-	-	-	-	-	-	174	118	173	190
Musselburgh **L**	25	55	106	104	67	4	118	138	29	23	44	41
Aberlady **L**	129	131	120	159	12	19	122	127	141	162	142	147

Winter/Spring: Other large counts include - 449 Egilsay **Ork**, 263 Portgordon **M&N**, 200 Loch Bee, South Uist **OH**, 170 Peninerine, South Uist **OH**, 140 Peterhead **NE**, 131 Tiree **Arg**, 117 Ardrossan **Ayr**, 110 L.Ryan **D&G** & 103 Black Rocks **L** in January-March. Spring peaks were 550 Scuthvie Bay, Sanday **Ork** & 250 Whitemill Bay **Ork** & 100 Lady Is. **Ayr** in April-May. Maxima elsewhere were Shet 50, Bord 35, Clyde 25, 20 Clyde Is & Forth 13.
Autumn/Winter: 430 **Is of May**, 175 Black Rocks &120 Aberlady **L** in Ausust-September; 700 Kilphedar, South Uist **OH**, 350 Lady Is., 252 Portgordon, 132 Girdleness **NE**, 120 Bigton **Shet** & 90 Marwick Bay **Ork** in October-December. Maxima elsewhere: Arg 80, Bord 59, Clyde 45, A&D 42, Clyde Is 37 & Forth 15. *A flock fed in Lerwick gardens during the March snows !*

Red-necked Phalarope *Phalaropus lobatus*

Spring: First on territory Shet 15 May & OHeb 18 May. Singles Corrie Point, Arran **Clyde** Is on 19 May & Loch Leven **P&K** on 7 June were both locally unusual repoprts.

Breeding: **Shet** 15mm Fetlar fledged 7 young but with success reduced by cold weather at the time of hatching; **OHeb** 4 sites, with 2 fledged at 1 site.

Autumn/Winter: 1 Loch of Strathbeg **NE** on 1 July was presumably a failed breeder. 1 Montrose Basin **A&D** 9 September.

Grey Phalarope *Phalaropus fulicarius*

Winter/Spring: 1 Rubha Ardvule, South Uist **OH** 3 June.

Autumn/Winter: 3S Rubha Ardvule 6 September with 1S there on 8, 12 & 15 September; 1S Greian Head, Barra **OH**, 1 Machrihanish **Arg** & Greian Head 12-13 September; 6 Machrihanish and 1N Fife Ness **F** on 15-17 September; 6S Rubha Ardvule & singles Loch Paible, North Uist **OH**, Strathy Point **H** & Coll **Arg** 1-3 October; 3 Stinky Bay, Benbecula **OH**, 3 Sorobhaidh Bay, Coll **Arg**, 1 Grogarry, Benbecula **OH** & 1 Howmore Bay, South Uist **OH** 6-10 October; 1 Bowmore, Islay **Arg** 17 October; 1 Ulva ferry, Mull **Arg** 19 December; 1 Brora **H** 28 December.

Typical western bias with just 2 in the North Sea but 34 off west coast.

Phalarope sp.

1 St.Abbs Head **B** 8 September & 1 Quendale **Shet** 3 October could not be specifically identified.

Pomarine Skua *Stercorarius pomarinus*

Area	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles*	0	0	0	0	19	4	1	0	5	9	0	0	**38**
OHeb*	0	0	0	0	130	24	1	2	0	18	2	0	**177**
N Scot	0	0	0	0	0	2	1	9	17	0	0	0	**29**
NE Scot*	0	0	0	0	1	0	1	0	13	3	2	0	**20**
E/C Scot	0	0	0	0	0	1	2	10	30	4	0	0	**47**
SE Scot	0	0	0	0	0	1	2	1	41	11	1	0	**57**
W.Scot	0	0	0	0	0	1	0	2	2	2	0	0	**7**
SW Scot	0	0	0	0	17	0	0	0	2	0	0	0	**19**
2001	**0**	**0**	**0**	**0**	**167**	**33**	**8**	**24**	**110**	**47**	**5**	**0**	**394**
2000	2	0	2	0	248	5	23	34	88	29	1	0	432
1999	1	0	0	11	313	1	1	16	29	109	72	10	563
1998	1	0	0	0	193	2	5	28	45	76	5	0	35

Winter/Spring: Moderate spring passage with the first 2 off Aird an Runair, North Uist **OH** 2 May; 2 on Dumroof Bank **D&G** on 10 May; 1 Sumburgh Head **Shet** 14 May. The main movement started with 15N Aird an Runair on 16 May with 41N there 17 May & 57N on 18 May by then 18 had reached Wats Ness **Shet**. A trickle continued to pass with 5N Rubha Ardvule, South Uist **OH** 31 May. Further south on the Solway/Clyde a more limited movemnet involced 2 on Dumroof Bank **D&G** on 10 May; 9 Portencross **Ayr** & 1 Turnberry Point **Ayr** 18-19 May; before a final 5 Portencross on 27 May. Elsewhere there were singles Peterhead **NE** 31 May, The Gravellachs **Arg** 8 June & Eyemouth **B** on 10 June with 2 Brora **H** 16 June and 3 Sumburgh Head on 21 June.

Autumn/Winter: The first southbound passed Kinghorn **F** on 13 July, followed by A&D, Bord & Ork 13-17 July; OHeb 29 July. A reasonably good passage, mostly 1-2 birds. Highlights were 3 Kinghorn on 2 August; 9 Brora **H** 19 August; 8W Musselburgh **L** 4 September. Main passage was on 24-29 September with 20N St.Abbs/Eyemouth **B**, 11 Brora, 9 Hound Point **L**, 6 Kinghorn, 3 North Ronaldsay **Ork**, 2 Girdleness **NE** & singles Fife Ness **F**. 3 Rubha Ardvule 2 October; 4 Sumburgh Head 19 October; 4 Kinghorn & 2 Strathy Point **H** 28-31 October. Last Arg, Fair Is & Ork 2-11 October; Fife, OHeb & Bord 28 October-3 November; then Peterhead & Girdleness 10 November.

Arctic Skua *Stercorarius parasiticus*

Winter/Spring: First 2 Largiemore, Arran **Clyde Is** 13 March with first Fair Is 4 April; Shet, Ork, High & Arg 14-17 April; Caith & OHeb 22-30 Apr; Loth & Clyde 7 May; Bord 3 June.

Best counts were 16 Hermaness **Shet** & 14N Aird an Runair, North Uist **OH** 18 May.

	M	J	J	A	S	O	N	D	Total
NE Scot	2	23	104	137	108	0	1	0	**375**
E/C Scot	2	5	24	79	261	46	2	0	**421**
SE Scot	1	4	25	106	578	63	16	0	**791**
W Scot *	10	10	8	51	62	6	0	0	**148**
SW Scot	3	8	1	2	9	4	0	0	**27**
2001	**17**	**50**	**162**	**481**	**1018**	**119**	**19**	**0**	**1758**
2000	27	41	100	340	658	90	15	3	1274
1999	nc	34	82	393	520	219	14	1	1252
1998	nc	8	98	668	371	171	21	2	1490

Breeding: *Monitoring was restricted due to F&MD. Increases on Foula & Fair Isle signalled partial recoveries from recent low numbers 1998-2000. Numbers on Mousa declined from 19 to 9 pairs, the lowest for 12 years. Noss & Fetlar remained stable but there had been long-term declines over the last decade. Only 2 Orkney sites were monitored with Papa Westray showing a 22% decline since 2000, 59% lower than numbers in 1991. Handa numbers were up for the 7th year. A shortage of Sandeels in Shetland from mid-June produced the worst breeding season since the crisis of 1989-90. Chicks starved and attendance was poor and Bonxie predation increased accordingly. Away from Foula the MBP in Shetland was just 0.1 with complete failures at Mousa, Hermaness & Noss and no young were seen on Bressay and south Mainland. Success was at 0.57 on Foula and 0.17 on Fair Isle. Papa Westray also had a terrible year at 0.1.*

AOT	Foula	Shet	Fair Is	Orkney	Handa
2001	**116**	**243**	**78**	**52**	**42**
2000	107	302	65	123	40
1999	106	308	69	123	35
1998	114	313	67	127	32
% change	**+8**	**+6**	**+20**	**-22**	**+5**

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

Shet slight increase to 116 pairs Foula where 66 young ringed, poor numbers elsewhere with 92 pairs Fetlar (147 in '92), 20 pairs Bressay (91 in '92) but no success on monitoring plots; **Fair Is** 78 pairs (65 in '00) but very poor success and early departure; **Ork** 68 pairs Eday, 52 pairs Papa Westray & 45 pairs Birsay Moors.

Autumn/Winter: 11 Lossiemouth **M&N** 11 July; 21 Girdleness **NE** & 19 Kinnaird Head **NE** 17-19 July; 15N St.Abbs **B** on 8 August; 19S Grimnish Point, North Uist **OH** & 27 Kinghorn **F** on27-31 August; 26 Hound Point **L** and 10 Machrihanish **Arg** on 4 September; 70 Anstruther **F**, 51 Hound Point **L**, 40 Kinghorn **F** & 33 Lossiemouth 8-9 September; 65 St.Abbs/Eyemouth **B** and 9 on Kinneil **Forth** 22-24 September; 21 Hound Point 20 October. Last birds Fair Is 29 August; Ork 24 September; OHeb 2 October; D&G, A&D, Is of May, Fife, Arg & Shet 10-17 October; NE & Forth 10-11 November & latest Portobello **L** 19 November.

Long-tailed Skua *Stercorarius longicaudus*

Spring: An excellent spring movement with 49N Aird an Runair, North Uist **OH** 16 May with 48N on 17 May; 166N Aird an Runair, 13 North Ronaldsay **Ork**, 11 Balivanich, Benbecula **OH** & 3N Wats Ness **Shet** on 18 May; 1N Turnberry Point **Ayr** 30 May; 1 Elliot Mouth **A&D** 12 June; 5 South Queensferry **L** 16 June; 1 Lunan Bay **A&D** 25-26 June.

	M	J	J	A	S	O	N	D	Total
N Isles	13	0	2	0	0	0	0	0	15
OHeb*	310	0	0	0	1	1	0	0	312
E/C Scot	0	0	2	3	5	0	0	0	10
SE Scot	0	5	0	1	28	1	0	0	35
W Scot	0	0	0	0	1	2	0	0	3
SW Scot	1	0	0	0	0	0	0	0	1
2001	**324**	**5**	**4**	**4**	**35**	**4**	**0**	**0**	**376**
2000	68	9	0	11	14	3	0	0	105
1999	259	3	2	6	7	5	0	0	284
1998	75	0	1	42	11	2	0	0	131

Autumn: 1 Fair Is 5 Jul; 1 Fetlar **Shet** 6 July. First Fife 18 August; Bord 28 August; OHeb on 1 September. Mostly 1-2 birds daily but 3 Hound Point **L** on 4 & 8 September; 5N St.Abbs **B** on 18 September; 6N St.Abbs 20 September & 4 on 24 September were the only multiple sightings. Last Fife & Bord 15-25 September; OHeb & Loth 3-7 October; last 1 Barra ferry **Arg** 12 October.

Great Skua *Stercorarius skua*

Winter: More early-year reports than usual with singles Boddin Point **A&D** on 7 January; Copinsay **Ork** 23 January and Loch Gruinart, Islay **Arg** 12 February.

Spring: First singles North Uist **OH** 22 March and Muckle Flugga **Shet** 31 March, then Fair Is, D&G, Ork, Fife, Caith & NE 1-11 April; Arg 25 April; M&N 5 May; Bord 3 June; Loth 27 June. 6N at Aird an Runair, North Uist 31 May was the best spring count with no obvious spring movements seen.

	A	M	J	J	A	S	O	N	D	Total
NE Scot*	9	3	16	53	182	376	36	1	0	**685**
E/C Scot	4	0	1	33	123	193	145	0	0	**499**
SE Scot	0	0	3	10	60	451	153	0	0	**675**
W Scot *	1	4	1	3	9	52	11	0	0	**81**
SW Scot	1	0	1	7	2	14	6	1	0	**32**
2001	**15**	**7**	**22**	**106**	**376**	**1086**	**351**	**2**	**0**	**1972**
2000	na	18	51	121	81	414	112	3	0	819
1999	na	na	34	82	393	520	219	14	1	1252
1998	na	na	8	98	668	371	171	21	2	1490

Breeding: *Overall numbers continue to increase. Fair Isle reached its 2nd-highest ever total while 5 study plots on Shetland showed increases. Only 2 sites were counted on Orkney. 2prs bred again on Canna, while birds were seen on the Treshnish Islands.*
Overall productivity on Shetland was the lowest since the 1990 Sandeel crisis although reduced discards may have had an impact. Noss fared worst with just 9 fledging and adults eating young. Elsewhere productivity was higher - close to the mean at Hermaness & Foula while Scalloway, Bressay & Mainland were also successful
Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

AOT	Shet	Fair Is	Orkney	Handa
2001	**169**	**143**	**10**	**-**
2000	150	135	11	195
1999	-	132	-	168
% change	+13	+7	-9	-

Shet 726 nests Foula with 593 Fetlar, 432 Noss & 275 Bressay; **Fair Is** 143 nests fledged 94 young, a little below average success; **Ork** 13 pairs Birsay Moors, 11 pairs Eday, 9 pairs Papa Westray with 44 birds Sand Loch; **OHeb** 90+ pairs St.Kilda, 16 pairs North Rona and 1-4 pairs at 9 other sites; **Caith** 3 pairs Beil of Duncansby; **Arg** 2 displayed Lunga but no nest, 1 empty nest Fladda with breeding on Staffa & Coll.
Autumn/Winter: Excellent autumn with Bonxies outnumbering Arctics at some seawatching points. 57 Fife Ness **F**, 40 Graemsay **Ork**, 35 Cove **NE** NS 20 St.Abbs Head **B** on 8-9 August; 29 Fife Ness 4 September; 106 Fraserburgh **NE**, 48 Lossiemouth **M&**N & 34 Peterhead 9 September; 54 St.Abbs, 30 Barns Ness **L** and 23W Kinghorn **F** on 18 September; 52 Kinghorn on 21 September; 39 St.Abbs 24 September; 101 Hound Point **L**, 35 Fife Ness & 22 South Queensferry **L** 20 October.
Last A&D, Is of May &Bord 29 September-9 October; M&N, Arg, Fife, OHeb & Ayr 18-31 October; D&G, Ork, Fair Is & NE 1-4 November with the latest 1 in Yell Sound **Shet** 19 November.

Mediterranean Gull *Larus melanocephalus*

1st dates	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles	0	0	1	1	0	0	1	0	0	0	0	0	**3**
OHeb	0	0	0	1	0	0	0	0	0	1	0	0	**2**
NE Scot	1	0	0	0	0	0	2	0	2	0	2	3	**10**
E/CScot	3	0	2	0	0	0	2	1	1	0	4	0	**13**
SE Scot	1	1	3	2	0	2	2	6	1	1	3	1	**23**
W Scot	0	1	0	0	0	0	0	0	0	0	0	0	**1**
SW Scot	2	1	1	0	0	0	1	4	1	3	0	0	**12**
2001	**7**	**3**	**7**	**4**	**0**	**2**	**8**	**11**	**4**	**5**	**9**	**4**	**62**
2000	9	2	5	0	0	0	1	5	3	9	5	8	47
1999	6	4	2	1	0	0	2	2	5	3	5	4	32
1998	9	9	7	7	3	0	0	2	7	8	7	11	50

Winter/Spring: 2 adults at Leven **F** in January with 1 on 24 February & 4 March; adult at Barassie **Ayr** 1 January-13 February; 1st-w Troon **Ayr** 1 January-4 March and later at nearby sites to end of 2001; adult Musselburgh **L** 1 January-4 March; adult Carnoustie **A&D** 7 January & 15 March; ad Inch Gek, Ythan **NE** 29 January; adult Hogganfield Loch **Clyde** 10 February; adult Girvan **Ayr** 21 February; adult Tyninghame **L** 25 February & 12 March; adult Largs **Ayr** 4 March, perhaps same 3 June; 2nd-w Edinburgh **L** 3 March; aduly Kirkcaldy **F** on 5 March; 2nd-w Balmossie **A&D** on 18 March; 2nd-w Winchburgh **L** 19 March; 1st-s Belhaven **L** 24 March; adult North Ronaldsay **Ork** 28-29 March; 1st-w Musselburgh 4 April-14 May with 2 there 26-29 April; adult Mill Dam, Shapinsay **Ork** 9 April; 1st-s Ardivachar Point, South Uist **OH** 25 April; adult Eyemouth **B** 7 June; 1st-s Belhaven 15 June.
Autumn/Winter: adult & 1st-s Ythan Estuary **NE** in July; 1st-s Musselburgh 4 July; 2nd-s at Balmossie 7 July; adult returned Leven 14 July, 28 August, 27 October & 18 November; adult Aberlady **L** 16 July, 15 August & 3 October; 2nd-s Pow Burn **Ayr** 18 July; adult returned North Ronaldsay 30 July; 2nd-s South Queensferry **L** 2 August; juvenile/1st-w Maidens **Ayr** 6 August-10 September, at Balkenna **Ayr** 25 August with 2 on 8 September; juvenile/1st-w Barassie 7 August-2 September; adult Cramond **L** & juvenile/1st-w Doonfoot **Ayr** 9 August, Cramond adult to 2002; adult Belhaven 11 August-25 October & 2 December; adult returned Musselburgh 14 August-2002; adult St.Abbs **B** 15 August; adult Kinghorn

F 18 August & 24 November; adult returned Barassie 23 August-December; 2nd-w Musselburgh 24 August; 2nd-w Aberdeen **NE** in September; 1st-w Kingston **M&N** 14 September, later Roseisle in October; 1st-w Cramond 18 September; adult Torness **L** 30 September; 1st-w Gartmorn **Forth** 29 September; 1st-w St.Kilda **OH** 6 October; 1st-w Musselburgh 17 October; 1st-w & adult Sandhead **D&G** & 1st-w L.Ryan **D&G** 31 October; adult Peterhead **NE** in November; another adult & 2nd-w Leven 2 November; 2nd-w Musselburgh 2 November with different bird there 24 November; adult Alloa **Forth** 6 November; adult Burntisland **F** 13 November; 1 Sandhaven **NE** on 18 Nov; adult Fallin **Forth** 20&29 November; adult at South Queensferry 26 November & 31 December; 2nd-w Lossie Estuary **M&N** 13 December with another on 16 December; adult Rosebury Reservoir **L** 17 December; adult Skinflats **Forth** 20 December.

Several birds had Belgian & Dutch colour-rings. (Table shows first dates in year & for returning birds) First & second records for Outer Hebrides, 3rd-4th for Borders, 5th-7th for Moray & Nairn.

Laughing Gull *Larus articilla*

1st-s/2nd-w Traigh Mhor Eoligarry, Barra **OH** 22, 29 September & 8 October; 2nd-w Ardivachar Point, South Uist **OH** 22 October. *Third & fourth records for the Outer Hebrides.*

Little Gull *Larus minutus*

Bird/Days	J	F	M	A	M	J	J	A	S	O	N	D	Total
N.Isles*	2	1	0	1	6	8	0	0	0	2	0	0	20
OHeb*	0	0	0	0	1	0	0	1	1	3	2	0	8
N Scot	0	0	0	0	1	2	0	0	0	1	8	0	12
NE Scot*	0	0	0	0	7	7	10	0	5	6	6	2	43
A &D/Fife	6	6	7	472	6	40	765	341	70	1088	100	13	2917
rest of E/C	0	0	0	0	0	10	0	0	0	0	0	0	10
SE Scot	0	0	0	0	2	1	1	8	60	33	11	2	118
W.Scot	1	0	0	0	0	0	0	0	0	3	1	1	5
SW Scot	1	0	0	2	2	0	1	1	0	0	0	0	7
2001	**10**	**7**	**7**	**475**	**25**	**68**	**777**	**351**	**136**	**1116**	**128**	**18**	**3140**
2000	5	7	10	57	41	142	304	428	359	242	141	14	1839
1999	20	8	3	44	145	193	605	695	124	586	43	103	2587
1998	50	6	4	189	145	41	351	1750	731	236	92	105	3700

Winter/Spring: 4 Carnoustie **A&D** 9 January; 270 Carnoustie & 200 Rescobie Loch **A&D** on 15 April; 10 Earn Mouth **P&K** 27 June; 10 Mugdrum Is. **F** 30 June.

Breeding: **High** 2 attended a Common Tern colony at Loch Fleet in May but did not attempt to breed.

Autumn/Winter: 310 Barry Buddon, 300 Denfind P. **A&D** & 110 Elliot Mouth **A&D** 11 July; 51N/28S Fife Ness **F** & 25 Shelly Spit **F** 8 August; 52 Edenside **F** 12 August; 20 West Sands **F** 15 August; 23 Aberlady **L** 5 September; 23 St.Andrews **F** 19 September; 24N St.Abbs **B** 24 September; 20 Arbroath **A&D** 28 September; 8 Brora **H** 9 October; 6 Girdleness **NE** 17 October; 235 St.Andrews 19 October with 330 roosting there 20 October; 241W Kinghorn **F** 21 October; 40 Boddin **A&D** 16 November; 16 Carnoustie 23 November; 16 Goosepools **F** 30 November.

Sabine's Gull *Larus sabini*

Winter/Spring: Adult Scatness **Shet** 25 May.

Autumn/Winter: 2 adults Mull Head, Papa Westray **Ork** & single adults Ardivachar Point, South Uist **OH** & Rubha Ardvule, South Uist **OH** and juvenile Hound Point **L** 1-3 September; single adults Rubha Ardvule & Frenchman's Rocks, Islay **Arg** with 4 juveniles at Rubha Ardvule, 3 Machrihanish **Arg** and 1 Frenchman's Rocks 6-8 September; 4 adults Corsewall Point **D&G** & 2 Greian Head, Barra **OH** with 8 juveniles Rubha Ardvule, 2 Machrihanish & 1 Grimnish Point 12-16 September; further juveniles Peterhead **NE** 30 September, Fhithich, Tiree **Arg**, Grimnish Point & Point of Ayre **Ork** 2-3 October and Sound of Barra **OH** 8 October.

Final adult North Ronaldsay **Ork** 10 October with juvenile Eye Peninsula, Lewis **OH** 15 October.

First spring record for Shetland. 42 autumn records including 19th for NE Scotland.

Bonaparte's Gull *Larus philidelphia*
Adult Ardivachar Point & North Bay, South Uist **OH** 7-9 May.
Second record for the Outer Hebrides.

Black-headed Gull *Larus ridibundus*
Winter/Spring: 14,000Longhaugh Point **Clyde**, 11,416 Forth Estuary **F**, 5,500 Strathclyde Loch **Clyde**, 5,100 Musselburgh **L**, 4,000 Blackness **L**, 2,200 Castle Loch **D&G**, 2,000 Loch of Skene **NE**, 1,500 Torryburn **F**, 1,215 Dumfries **D&G** & 1,000 Blackness **Forth** in January. 2,500 Hogganfield Loch **Clyde**, 2,200 Hule Moss **B**, 2,130 Caerlaverock **D&G**, 2,000 Balgray Reservoir **Clyde**, 1,950 Kelton **D&G**, 1,100 Hound Point **L** & 1,000 Gunknowe Loch **B** in February. 10,000 Musselburgh in March. Best elsewhere: Arg 740, M&N 595, Ork 188, A&D 180, Shet 60 & Clyde 12.
Breeding: *There was only a slight decline in Argyll colonies where production was MBP 0.93, all of the young fledging at Mink-controlled colonies. North of the Great Glen this species is thought to be close to extinction as a breeding species on the mainland. Numbers were low on Shetland with few fledging on Fetlar, total failure at Tingwall but just 1 site fledging reasonable numbers. Orkney had total failure at 4 small colonies. There was a large increase at Forvie in North-east Scotland from 194 to 645 pairs with MBP 0.94.*
Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.
Shet 81 nests at 3 sites; **Ork** 618 nests at 8 sites with 204 nests Shapinsay where only 10 fledged; **OHeb** 118 nests at 5 sites; **Caith** 300 pairs West Greenland; **M&N** 89 nests at 6 sites; **NE** *c.*1,500 pairs at 12 sites with 645 pairs Forvie & *c.*450 Conglass; **A&D** 543 nests Lendrick Marsh; **P&K** 4,359 pairs St.Serf's Is., Loch Leven represents a recovery since the mid-90s, also *c.*800 pairs Cogbrae, 400 pairs Black Loch; **Fife** bred 3 sites; **Bord** zero success at 10,000+ pairs Bemersyde colony, abandoned in mid-June, also 274 nests at 12 other sites; **Arg** 176 pairs at 7 sites in Mink Study fledged 164 young, mostly at a Mink-controlled colony; **Clyde** 666 nests at 9 sites with 400 pairs Carron Valley Reservoir; **Ayr** 75 pairs at 2 sites; **D&G** 35 pairs at 2 sites.

Black-headed Gull, Bemersyde, Borders

Autumn/Winter: 2,500/hr Eyemouth **B** 22 September was the only significant passage movement. 1,100 Cramond **L** in August; 5,000 Hule Moss, 1,559 Mersehead **D&G** in September; 3,000 Castle Loch in October; 2,000 Hogganfield Loch in November; 28,000 Clyde Estuary **Clyde**, 2,000 Lossie Estuary **M&N**, 1,640 Loch of Skene in December.
Maxima elsewhere: Fife 447, Arg & Forth 450, Ayr 400, A&D 288, Clyde Is 200 & Shet 196.
Black-headed x Common Gull hybrid seen Belhaven **L** 16 December.

Ring-billed Gull *Larus delawarensis*
Winter/Spring: Adult Stromness **Ork** 1 January-19 March; adult Ugie Estuary **NE** 3-21 March; adult Ballantrae **Ayr** 6-8 April; adult **Fair Is**30 April; 1st-s Loch Sandarry **OH** 8-9 June; injured adult Crossapol, Tiree **Arg** 23 June-24 July, when found dead.
Autumn/Winter: adult Doonfoot **Ayr** 4-16 September & 4 November; the adult returned to Stromness on 16 December for its 15th winter there; 1st-w Bowmore, Islay **Arg** 29 December.
Second for Fair Isle; 8th for North-east Scotland; 10th-11th for Ayrshire.

Mew Gull Common Gull) *Larus canus*
Winter/Spring: 20,000 Loch Leven **P&K** in the winter months. 17,000 Joppa **L**, 10, 000 Loch of Skene **NE** & 6,000 Musselburgh **L** in January; 4,000 Clydesdale **Clyde**, 2,550 Mersehead **D&G** & 2,100 Heatheryhall **Clyde** in February; peak counts of 33,500 Musselburgh-Portobello **L**, 4,000 Tayport **F** & 2,500 Caerlaverock **D&G** during the early March snows when the usual roosts were frozen; 4,000 Tayport **F**, 2,300 Cleugh **B** in April.
Maxima elsewhere: OHeb 700, Ork 500, Shet 252, Arg 230, Clyde Is 200, Fair Is 150 & Ayr 110.

Breeding: *There was a 9% decrease in Argyll from 2000 at 20 sites with the lowest numbers since 1997. Figures show a reduction in success of 54% at colonies where Mink control does not take place. Numbers increase on Sanda from 38 to 55 pairs while numbers on Eigg increased from 61 to 71 pairs although just 10 fledged there. Shetland colonies had a poor season with few ringable chicks with total failure at Tingwall and fewer nests at Hildasay. Only 27 pairs bred North Hill, Papa Westray, a 64% decline since 1997. The usually successful colony of 100 pairs at Littlequoy managed just 10 young. There was a slight decrease at Nigg (117 to 110 pairs) with above average MBP of 1.26 but the Alness colony of 80 pairs failed totally due to human disturbance.*

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC.

Fair Is 8 pairs failed; **Ork** 1,107 pairs at 10 areas with 462 pairs Copinsay & 304 pairs Birsay Moors; **OHeb** 226 nests at 21 sites; **Caith** noted 1 site; **M&N** small numbers at 4 sites; **NE** bred 7 sites with 5,200 birds at Bluemills; **A&D** *c.*170 pairs bred at 2 sites with 3 tree nests Auchintaple L.; **P&K** 430 nests at 6 sites with 160 pairs Tay at Kinnaird House and roof nest at Dalnamein; **Forth** 10 nests Glen Finglas Reservoir: **Bord** 121 nests Megget Reservoir; **Arg** 1,131 nests at 47 sites in Mink Study area with 1 site holding 365 pairs, MBP 0.85 at 839 nests where Mink were removed and MBP 0.53 where there was no eradication, 9 pairs bred Treshnish Is. 55 nests Sanda, 12 pairs Coll & 11 pairs Loch Gruinart; **Clyde Is** 22 nests at 3 sites Arran mostly failed due to weather, 30 pairs Fladda & 130 pairs Glaidstone, Cumbrae; **Clyde** 81 nests at 14 sites; **Ayr** a few bred at 4 sites; **D&G** a few bred at 2 sites.

Autumn/Winter: 3,500 Cairnorrie **NE**, 2,000 Ladykirk **Ayr**, 2,000 Inverurie **NE**, 2,000 Lintrathen **A&D**, 1,906 Hule Moss **B**, 1,700 Kintore **NE** & 1,500 Valleyfield **F** in August-October; 16,400 West Water Reservoir **B**, 8,000 L.of Skene & 2,000 Kincrath, Bute **Clyde Is** in November-December. Best elsewhere: OHeb 900, Shet 700, Fair Is 450, Ork 400, Arg 288 & Clyde 142.

Lesser Black-backed Gull *Larus fuscus*

Winter/Spring: January records continue to increase with 227 Clyde, 9 Forth, 5 Loth & 1-4 reports from Ayr, Bord, Arg, P&K, NE & Fife.Best single counts were 145 at Balgray Reservoir **Clyde**, 16 Queen's Park **Clyde**, 15 Drumkinnon Bay, Loch Lomond, **Clyde**, 13 Cramond **L** & 12 Whitrig **B**. First returning migrants Clyde Is, Forth & OHeb 8-10 February; M&N & A&D 25-26 February; Shet & High 10 & 21 March. Top counts of 480 Balgray, 275 Auchencairn Bay **D&G**, 250 Lochlea **Ayr**, 190 Halbeath **F** & 190 Blairbowie **Ayr** in March with 800 Auchans **Clyde**, 190 Edenside **F**, 162 Duddingston **L** & 134 Musselburgh **L** in April and 300 Greengairs **Clyde** in May.

Breeding: *Most areas had declines in 2001 but particularly so in SE Scotland where there was a 17% decline to 1,203 nests on the Isle of May, the 6th consecutive decrease. Large decrease were also seen on Inchmickery where numbers were 60% down to 91 pairs & on Fidra with a 72% drop to 51 pairs. Numbers also dropped in Western Scotland with a 7% decline to 924 pairs. There was a slight decrease on Eigg (200 to 180) and a slight increase on Canna (41 to 42 pairs). Isle of May success was good with MBP 1.32, well above the recent mean of 0.82. 11 colonies in Western Scotland were studied and 896 pairs managed to fledge 339 young, mink removal took place at one sites but their presence at a further 3 sites meant that only 25 young fledged from 300 attempts.*

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Fair Is 12 pairs; **Ork** 140 pairs Birsay Moors; **OHeb** 10 pairs St.Kilda, 8 pairs Monach Is & pair North Rona; **NE** 95 birds Tips of Corsemaul & roof nests at 3 other sites; **A&D** 3 roof sites; **P&K** 1,000 pairs Loch Leven, a 50% drop from 2000; **Is of May** 20% decline to 1,203 nests but record productivity at 1.23; **Fife** bred Kirkcaldy roofs; **Loth** 91 nests Inchmickery, 51 Fidra & 12 Inchgarvie; **Ayr** 2 pairs Ayr roofs; **Clyde Is** 6-700 pairs Scoulag Moor, Arran, 200 birds Ardscalosie & 4-500 birds St.Ninian Point, all Arran, also 200 pairs Fladda; **Clyde** 1,867 nests at 42 sites, mostly on roofs with 210 Harper-Collins, Bishopbriggs & 210 Wardpark, Cumbernauld.

Autumn/Winter: 800 Lendalfoot **Ayr**, 400 Tayport **F** & 200 Megget Reservoir **B** in June-July; 1,800 Hule Moss **B**, 610 Skinflats **Forth**, 356 Castle Loch **D&G**, 250 Kingholm Quay **D&G** & 205 Cramond in September-October.

Last NE 4 October; A&D & Fair Is 22-23 October; OHeb, Shet & Arg 4-16 November. December reports continue at high level with 160 Clyde, 7 Loth, 5 Forth & 1-4 from Ayr, Fife & Bord.

72 Strathclyde Loch **Clyde**, 48 Queens Park, Glasgow **Clyde** & 40 River Kelvin Mouth **Clyde**.

L.f.intermedius 1-2 birds Musselburgh 10 February & 3 March; 1 Cramond on 11 February; 1 Livingston **L** 18 February; 1 St.Kilda **OH** 14 May; 1 Burrafirth **Shet** 21 May, another there during June. 1 Portobello **L** 16 November; 1 Musselburgh 17 November.

L.f.fuscus 1 Fair Is 30 September.

Herring Gull *Larus argentatus*

Winter/Spring: 10,000 Rosyth **F**, 3,000 Strathclyde Loch **Clyde**, 3,000 Millichen **Clyde**, 2,543 Gullane-Berwickshire **L/B**, 1,983 Birnie Loch **F** & 1,250 Musselburgh **L** in January; 3,000 Longannet **F** in February; 6,000 Lendalfoot **Ayr**, 4,000 Peterhead **NE** & 3,000 Angle Park **F** in March.

Breeding: *There were decline across monitored sites in Western Scotland from 2000 levels. 8,230 pairs nested between Mallaig and Tarbert on the Kintyre Peninsula. There was a 17% decrease to 316 territories on Eigg while on Canna numbers were dowd by 22% to 1.006 nests. Hildasay in Shetland which held 300 pairs in 1998 had just 2 pairs in 2001 whereas Noss changed little at 63 pairs. Nigg was stable at 209 pairs with most on rooftops. In NE Scotland there had been a big declines of 54% to 1,951 pairs between Gamrie & Pennan since 1995 and 44% at Forvie however an increase of 13% was reported between Boddam and Collieston. Fluctuations were seen on the Forth islands with large increases on Inchmickery and The Lamb balanced by large decreases on Fidra and Inchgarvie . There was modest 7% decline on the Isle of May.*

sites	SW	NW	NE	SE
2001	**7357**	**2705**	**272**	**4800**
2000	7506	3097	488	5771
1999	6979	2931	445	4391
% change	-2	-13	-44	-17

Breeding success in Kintyre was measured between colonies with active Mink control, without Mink control and no observed Mink predation. Success was similar where there was no predation by Mink, at MBP 0.83 at 1,386 nests where Mink were eradicated and 0.74 at 5,567 nests in uncontrolled but Mink-free colonies. In contrast the 1,224 nests at colonies with Mink problems productivity was reduced to just 0.13. Half of the Mink infested colonies failed totally. Success was very poor on Canna with just 9 young ringed from over 90 study nests. The drop was ascribed to a reduction in commercial fishing and the resultant drop in discarded by-catch. Productivity was low on Noss with just 20 young from 63 nests. Productivity on the Isle of May was MBP 0.91. Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001.** JNCC

Herring Gull St.Abbs Borders

Shet 66 nests Vementry, 140 birds Green Holm, & 53 Mousa, 100 nests destroyed in Lerwick; **Ork** 130 pairs Birsay Moors &18 pairs Gairsay; **OHeb** 128 nests Monach Is. & 7 pairs St.Kilda; **M&N** just 1 roof nest on Buckie; **NE** 210 juvs Peterhead, 162 nests Aberdeen & 40 birds Tips of Corsemaul; **P&K** 120 pairs St.Serfs Is. with 1 roof nest Perth; **Forth Islands** 4,499 nests, an 18% drop from 2000; **Is of May** 2,845 nests, an 8% decline with MBP 0.91; **Bord** 310 nests St.Abbs Head, down 5% from 2000; **Arg** 700 pairs Sanda; **Clyde Is** 200 pairs Fladda; **Clyde** 148 pairs at 18 mainly roof colonies. First fledged Clyde 4 July.

Autumn/Winter: 13,000 Lendalfoot & 3,120 Carlinghaugh **A&D** in June; 1,200 Hestan Is. **D&G** in July; 2,000 Lossie Estuary **M&N** in August; 1,507 Mersehead **D&G** & 1,300 Gruinart Flats, Islay **Arg** in September; 1,500 **Fair Is** in October; 3,000 Shewalton **Ayr**, 2,800 Millichen Flood, 1,400 Coldingham Moor **B** & 1,139 Ironmill Bay **F** in November; 4,000 Angle Park, 1,932 Birnie Loch, 1,500 Stevenston **Ayr**, 1,400 Loch Feochan **Arg** & 1,100 Drumoak **NE** in December.

L.a.argentatus 7 Lossie Estuary **M&N** 6 January; 1 Musselburgh **L** 7 January & 28 April; 40 Market Stance, Benbecula **OH** 8 February; 1 St.John's Loch **Caith** 29 May; 1 Cramond **L** 7 September with 3 there November-December; 1 North Ronaldsay **Ork** 3 October with 44 there 8 Octber; 1 Seafield **L** 9 November; 1 Port Seton **L** 10 November; 2 Musselburgh 15-16 December; 14 Angle Park 24 December; 15 Lossie Estuary 31 December.

3,000 Herring Gulls Millichen Flood **Clyde** on 5 January were sampled and out of 500 checked, some 13 were *argentatus*.

Yellow-legged Gull *Larus cachinnans*

L.c.michahellis 1 adult at Strathclyde Loch **Clyde** 6 January with 2 there the next day and single adults on 21 January and 4 February; 1 near-adult Tayport **F** 24 May; 3rd-s Kirkton Barns **F** 22 July. See article by Shaw (2003) in Fife Bird Report and in Shetland Bird Report.

Iceland Gull *Larus glaucoides*

Area	J	F	M	A	M	J	J	A	S	O	N	D
N.Isles	8	4	5	5	6	2	1	0	1	0	4	15
OHeb	3	2	6	2	5	0	2	0	0	0	3	10
N Scot	0	0	3	0	0	0	0	0	0	0	1	1
NE Scot	2	3	11	3	2	1	0	0	0	0	4	8
E/C Scot	7	3	4	1	0	0	0	0	0	2	1	2
SE Scot	0	0	0	2	1	0	0	0	0	0	0	0
W.Scot	19	13	10	2	1	0	0	0	0	5	6	11
SW Scot	5	6	9	6	2	0	0	0	0	0	4	5
2001	**44**	**31**	**48**	**21**	**17**	**3**	**3**	**0**	**1**	**7**	**22**	**52**
2000	120	185	239	83	33	8	3	2	6	10	14	21
1999	>28	46	29	40	13	8	3	2	4	3	15	32
1998	72	84	105	61	26	7	4	4	6	13	19	31

Winter/Spring: Only average season, mostly singles but 4 Fallin **Forth** 1 January; 3 Millichen Floods **Clyde** 2 January; 4 at Strathclyde Loch **Clyde** on 10, 18 & 31January; 3 Loch of Cliff, Unst **Shet** on 13 January; 2 Lerwick **Shet** in January/February; 2 Market Stance, Benbecula **OH** 10,17 & 26 March. Last Arg & Fife 2-16 April; Ayr 24 May; Fair Is OHeb 30-31 May; M&N, Ork & Shet 5-9 June. July birds seen North Hill, Papa Westray **Ork**, Arveenish, Barra **OH** & Carnan, South Uist **OH**.
Autumn/Winter: First Shet 21 September; A&D & Ayr 12-16 October; High & Ayr 3-7 November; M&N, Fife & OHeb 17-18 November; Ork 25 November; Fair Is 4 December. Good arrival in late December but mostly singles except 6 at Strathclyde Loch 18 November and 1 & 31 December; 6 Lerwick 11 December; 8 1st-w Stornoway 30 December.

Kumlien's Gull *L.g.kumlieni*

1 Lossie Estuary **M&N** 6 January; 1 Greengairs **Clyde** 13-14 January; 1 Stranraer **D&G** 1 April. 1adult Strathy Point **H** 31 October. *First report for Moray & Nairn.*
Bird with *kumlieni*-like features: 1st-s Lendalfoot **Ayr** 8-20 April.

Glaucous Gull *Larus hyperboreus*

Area	J	F	M	A	M	J	J	A	S	O	N	D
N.Isles	20	12	11	5	5	4	2	1	2	4	23	14
OHeb	6	4	5	1	7	3	0	2	1	4	5	3
Caith	0	0	0	0	1	0	0	0	0	0	1	0
NE Scot*	4	3	3	6	3	2	2	2	0	1	1	2
E/C Scot	6	0	3	0	1	0	0	0	0	0	1	3
SE Scot	1	2	2	0	1	0	0	0	1	2	1	1
W.Scot	8	3	3	4	2	0	0	0	1	5	3	5
SW Scot	1	2	6	2	5	0	0	0	0	1	1	5
2001	**46**	**28**	**33**	**18**	**25**	**9**	**4**	**5**	**5**	**16**	**36**	**33**
2000	64	70	87	26	7	7	1	3	4	13	35	26
1999	28	46	29	40	13	8	3	2	4	3	15	32
1998	72	84	105	61	26	7	4	4	6	13	19	31

Winter/Spring: Below average winter, all singles except for 12 Burrafirth **Shet**, 3 Fallin **Forth**, 3 Greengairs **Clyde** & 2 Loch of Spiggie **Shet** & St.Kilda **OH** in January & 3 Market Stance, Benbecula **OH** in March. Last birds Ork 30 April; Arg & Loth 5 May; Ayr & Fife 23-25 May; M&N, Fair Is, Shet & OHeb 16-30 June. July singles from Hillwell **Shet**, Herston, South Ronaldsay **Ork**, Burghead **M&N** & Lossie Estuary **M&N**.
Autumn/Winter: First OHeb 14 August; Shet & Arg 27-28 September; Loth, Fair Is & Ayr 7-19 October; Fife 2 November; Ork 29 November. Average winter, mostly singles with 8 Burrafirth & 2 Scatness **Shet** in November with 2 Greengairs in December.
Probable 1st-w Glaucous x Herring hybrid Greengairs 24 February.

Great Black-backed Gull *Larus marinus*

Winter/Spring: Few big counts with 170 Kinneil **Forth** in January, 200 Peterhead **NE** & 160 Widewall Bay **Ork** in March and 134 Loch Feochan **Arg** in May.

Breeding: *Monitored colonies in SW & NW Scotland showed decreases of 7% & 8% respectively from 2000 levels. In a study from Mallaig to Tarbert 671 pairs were found at 62 sites, with single pairs at 27 of the sites. Productivity was monitored at 58 sites with an MBP of 0.92. Mink were active at 14 of 55 sites where no control had occurred and just 7 young fledged from 53 nests in areas of Mink predation. There was a marked decline on Canna from 89 to 72 pairs, the lowest since 1996. Productivity was also low at 0.34. Numbers on Lunga increased slightly 67 rose to 74) while numbers on Handa were stable at 36-37 pairs.*

In Shetland there was a slight increase 62 pairs on Noss (56) but less successful breeding at 0.47 (0.61 in 2000). There was mixed success on Orkney with just 90 chicks on Faray compared to 900 the previous year. Numbers also dropped on North Hill, Papa Westray from 85 pairs in 1997 to 48 pairs and success was also poor. Good success was noted on Swona. There was an increase at Nigg to 164 pairs but success there at 0.77 was well below the mean of 1.79, most clutches failing at the egg stage and hints that mammalian predation was to blame. Numbers on the Isle of May continued to increase, reaching 27 pairs with good success.

Based on Mavor *et al.* 2002.

	SW	NW	Shet	N Scot
2001	**592**	**229**	**62**	**164**
2000	634	249	56	139
1999	515	218	51	134
% change	-7	-8	+11	+18

Seabird numbers & breeding success in Britain & Ireland, 2001. JNCC

Shet 160 adults Huch Holm, 90 adultss Little Harva, 48 adultss Mousa; **Ork** many non-breeders Fowl Flag in May, 250 pairs Burn of Forse & 55 pairs Birsay Moors; **OHeb** 35 pairs Monach Is., 7 pairs St.Kilda; **M&N** 2 pairs Kinloss & pair Covesea; **NE** 3 nests Bullers of Buchan & 1 nest Strathbeg; **P&K** 2 pairs St.Serfs Is., Loch Leven; **Forth Islands** 35 nests; **Bord** pair St.Abbs Head; **Arg** 33 pairs bred Sanda; **Clyde** 16 nests Loch Thom all failed due to disturbance/persecution by anglers, 1 roof nest Greenock & pier nest Bowling.

Autumn/Winter: 1,000 Lendalfoot **Ayr** in June; 1,900 Loch of Strathbeg August-December. 520 Kingston/Tugnet **M&N**, 290 Eden Estuary **F**, 237 Lerwick **Shet** & 200 Peterhead in August-September. 600 **Fair Isle**, 500 Inverugie **NE**, 175 Montrose Basin **A&D**, 227 Lossie Estuary **M&N**, 171 Holy Loch **Arg** & 118 Girdleness **NE** in October; 500 North Rona **OH**, 310 Traigh Bhu, Tiree **Arg**, 165 Loch of Broadhouse **Ork**, 152 Eyemouth **B** & 140 Angle Park **F** in December.

Ross's Gull *Rhodostethia rosea*

Adult Peterhead **NE** 4 March. *Fourth record for North-east Scotland.*

Black-legged Kittiwake (Kittiwake) *Rissa tridactyla*

Winter/Spring: 1,100/hr Peterhead **NE** in March; 1,000 Skaill **Ork** 25 March; 3,000/hr Peterhead & 2,000/hr Eyemouth **B** in July.

Breeding: *Numbers declined slightly in most areas but large declines were evident in NE & SE Scotland. There was little monitoring in Shetland but what counts occurred suggested a slight decline, in contrast with the 20% drop the previous year. In NE Scotland counts from Gamrie to Pennan and Buchan Ness to Collieston showed declines of 42% to 18,482 AONs and 44% to 14.901 AONs respectively since the last counts in 1995. Numbers also fell by 18% at North Sutor to reach a new low of 367 nests. Fluctuations continue in SE Scotland with St.Abbs Head dropping again from 11,077 to 8,028 AONs and the Isle of May suffering a 21% drop and reaching the lowest total since 1986. Numbers on Craigleith, Fidra, The Lamb, Inchkeith & Inchcolm collectively dropped by 23% to 1,115 nests. Numbers also declined at The Mull of Galloway by 37% to 213 AONs as did numbers on Canna (-8%) and Rum (-8%) . The only rise was seen on Lunga where 1.010 nests was the highest count ever there, up 24%.*

nests	SE	NW	Shet	N	NE
2001	**12818**	**2657**	**1951**	**1226**	**1315**
2000	17,185	2752	1988	1494	1279
%change	-.3%	-3%	-2%	-18%	+3

It was generally a poor season for productivity with almost total failure on Shetland with MBP 0.01 ! The failure mainly occurred between mid-June and mid-July and was undoubtedly due to a failure of the Sandeel harvest Captured adults had they lowest body weight ever recorded even though these adults had no chicks to feed. Fair Isle was only marginally better at MBP 0.06 and many broods were left unattended for long periods as adults searched for food. Orkney fared much better with MBP 0.74, although down on the 0.89 in 2000. Productivity was down at all colonies except Mull Head (1.15) with the lowest success on Papa Westray (where just 1 young fledged from 148 nests. In NW Scotland Handa was successful at 1.25 (mean 1.32) and also on Canna with 0.82 (mean 0.66). St.Kilda had poorer fortunes with productivity dropping from 0.38 to 0.25 in 2001, the lowest there since 1986. North Sutor at 0.73 was an improvement on the last 2 seasons while in SW Ailsa Craig had a poor year at 0.27. NE Scotland was generally poor with productivity dropping from 0.86 to 0.46

MBP	SE	SW	NW	Shet	Ork	N	NE
2001	**0.60**	**0.27**	**0.79**	**0.01**	**0.74**	**0.73**	**0.64**
2000	0.97	0.82	0.66	0.48	0.89	0.53	0.86
1999	0.52	1.21	0.69	0.74	1.04	0.52	0.23

at Forvie & 0.98 to 0.56 at Fowlsheugh. Only the Bullers of Buchan rose at 0.90. All three SE Scotland colonies fared poorly with declines of 0.97 to 0.61 on Isle of May, 0.80 to 0.40 at St.Abbs & 1.14 to 0.78 at Dunbar. Mink were considered to be a problem at one of the St.Abbs plots.

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Shet estimate of 8,200 nests (22,680 in 1991 & 36,470 in 1981) represents a huge decline; **Fair Is** 8,204 nests; **OHeb** 3,398 nests North Rona; **M&N** 386 nests Covesea; **A&D** 2,668 nests Carling-wark-Boddin; **Is of May** lowest-ever 3,639 nests; **Loth** 670 nests Bass Rock, 440 Craigleith & 243 Fidra; **Bord** 8,028 nests St.Abbs Head.

Autumn/Winter:1,300 Goosepools **F** & 700 Lunga **Arg** in August; 2,200/hr Eyemouth & 2,800 (5hrs) Machrihanish **Arg** 8 September; 3,000 Kinnaber **A&D**, 1,000 Cove **B** & 900/hr Corsewall Point **D&G** 13-16 September; 2,000 Lunan Bay **A&D** 20 September; 500 SW Haynish, Tiree **Arg** 29 September; 6,000 Fife Ness **F** 6 October; 2,000S Whiting Bay, Arran **Clyde Is** on 11 October; 800 Aberlady **L** on 9 November.

Away from coast: 2 Lochindorb **M&N** 11 March; 1,360 Loch of Strathbeg **NE** & 50 St.John's Loch **Caith** in July; 1 juvenile Loiriston Loch **NE** 5 October.

Ivory Gull *Pagophila eburnea*

1st-w Scalloway **Shet** was taken into care on 12 November and later released at Lerwick 20 November. It remained in the area until 2 December; adult Castlehills **Caith** 22-26 December; and 1st-w Montrose Basin **A&D** 27 December-4 January 2002.

Second for Angus & Dundee & c.20th record for Shetland.

Ivory Gull, Montrose Basin Angus & Dundee Photo: Jim Duncan

[1983] 1st-s Muckle Flugga **Shet** 6 June is now considered insufficiently documented after a review of all Shetland rarities in preparation for the 'Birds of Shetland'.

Sandwich Tern *Sterna sandvicensis*

Winter: 1st-w Southerness **D&G** 5 January.

Spring: First 1 Brora **H** on 18 March; NE, M&N, Loth, Ayr & Fife 25-28 March; Fair Is, Arg & Ork 30 March; Clyde Is, Clyde, Caith & Shet 7-9 April; A&D, D&G, High & Bord 12-22 April.

Passage counts: 30 Hunterston **Ayr** & 21 Largo Bay **F** 28 April; 140 Nairn **M&N** 2 May; 38 Burghead **M&N** 4 May; 22 Machrihanish **Arg** 7 May; 100 Auchencairn Bay **D&G** 1 May; 70 Elliot **A&D** & 40 Kinnaber **A&D** 5 May; 76 Lunderston Bay **Clyde** & 50 Ballantrae **Ayr** 7 May; 50 Gosford **L** 12 May.

Breeding: *With no counts at Loch Ryan due to F&MD and the abandonment of the Strathbeg colony, only two sites were monitored in Scotland in 2001. The Sands of Forvie showed a 50% increase to 804 nests while that on the Isle of May continued to grow with a June count of 305 nests rising over 500 nests after a second wave of nesting in July. Productivity counts yielded 10 young from 11 nests on Orkney, at least 250 fledging on the Isle of May & 1.063 fledging at Forvie. Overall rates were MBP 0.96, a very successful year.*

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Ork 70 pairs Tuquoy, Westray, 13 nests North Ronaldsay with 2 nests Cott, Egilsay & 1 nests Coldomo; **M&N** 1 adult in Arctic colony Gairmouth; **Arg** pair in Fladda Sound Arctic Tern colony, later deserted due to Mink predation before possible nests could be examined, 5 summered Machrihanish may have bred as young seen locally in mid-July.

First juvs seen Is of May 13 July; M&N 14 July; Arg & Clyde Is 17-19 July.

Autumn: 157N Eyemouth **B** 5 June; 520 Aberlady **L**, 505 Valleyfield **F**, 373 Eyemouth, 351 Inch Gek **NE** & 250 Tyninghame **L** on 25-31 July; 247 Limekilns **F** on 7 Aug; 200 Girdleness **NE** on 12 Aug; 810 Musselburgh **L**, 455 Burntisland **F**, 200 Mersehead **D&G** & 122W Skinflats **Forth** 16-21 August; 150 Meikle Craigs **Ayr**, 97 Ardmore Point **Clyde** & 75 Tugnet **M&N** 2-3 September; 220 Pettycurr **F** on 9 September; 228 Eden Estuary **F**, 198 Mersehead, 150 Carriden **Forth** & 34S Machrihanish on 16-19 September.

Last birds A&D, D&G, Bord & Arg 25 September-5 October; M&N, High & Ayr 11-20 October; NE & Ork 26 October; Fife 3 November; with the latest 1 Seafield **L** 7 November.

Inland : 3 Loch Leven **P&K**, 1 River Kelvin mouth, Glasgow **Clyde** & 1 Moffat **D&G** in August.

Roseate Tern *Sterna dougallii*

Spring: First **Is of May** 22 May; 1 Inverkeithing **F** 3 June.

Breeding: *Just 2 pairs bred at two sites in east Scotland, the lowest-ever reported. Just 1 chick fledged.*

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Is of May 1 pair bred and despite 2 young being ringed, both vanished, possibly predated; **Fife** 3 eggs laid at undisclosed site, 2 young hatched with one fledging.

Autumn: 7 Fife Ness **F** 21 June; 1 Fisherrow **L** 24 June; 1 Sands of Forvie **NE** 6 Jule; 1W Kinghorn **F** on 18 July; 3 Kinghorn & 1 Methil **F** on 5 August; 1 Musselburgh **L** 6 August with 2 there on 7 August; 2 Kinghorn & 2 Leven **F** 12 August; 3 Machrihanish Bay **Arg** 17 August; 1 Kinghorn 26 August.

[1982] 1 Noss **Shet** 18-23 May & **[1984]** 1 Noss 2 June & 1 July.

Two of just 8 Shetland records that had been previously overlooked.

Common Tern *Sterna hirundo*

Spring: First 2 Cairnbulg **NE** on 8 April; 2 Peterhead **NE** 21 April. Ork, Ayr, Forth, Fair Is & Shet on 27-30 April; Clyde & Caith 2-4 May; D&G, A&D, M&N, P&K, Fife, Clyde Is & Arg 6-12 May.

32 Seafield **D&G** 8 May; 50 Longannet **F** 10 May; 12 Irvine **Ayr** 12 May; 26 Fishnish **Arg** 25 May.

Breeding: *Numbers declined by 27% in Scotland as a whole. In Western Scotland 500 adults near Mull deserted and may be the 282 nests that were later found in the Sound of Jura. The largest colony was at Loch Melfort with 442 nests. Numbers on the Treshnish Isles were down from 63 pairs to just 11 adults. Numbers also dropped at Alness Point from 210-245 pairs to just 20 adults. This was balanced by 125 pairs at Ardesier which returned after missing nesting in 2000. There were fewer birds in North-east Scotland and all South-east sites suffered losses.*

886 pairs in W Scotland had 55 young with the impact of Mink difficult to asses due to presence of other predators. 2 fledged from 10 pairs on Eigg while the MBP for a 'commic' colony on Handa was 0.85. In N Scotland much of the success was due to the protected colony at Nigg where 295 pairs fledged 263. In NE Scotland 55 pairs at Kirkhill fledged 35 young but predation by Black-headed Gulls at Strathbeg meant that just 9 fledged from 57 nests. In SE Scotland 86 pairs at Grangemouth managed to fledged 20-50 young with 12 fledging from 57 pairs at Methil. The commic colony on the Isle of May only managed 0.12.

	% population change			MBP		
	1999	2000	2001	1999	2000	2001
N Scot	+20	-11	-8	0.58	0.70	0.71
NW Scot	+26	+9	-31	0.22	1.65	0.72
NE Scot	+12	-8	-6	0.27	0.36	0.38
SE Scot	+35	+4	-38	0.73	0.99	>0.33
SW Scot	+26	+9	-31	0.65	0.64	0.60
Scotland				0.57	0.67	0.58

change figures for NW & SW Scotland are combined, MBPs are separate

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Shet 4 pairs Fetlar managed 1 chick as did 3 pairs on Noss with 3 pairs Hermaness rearing 2 young; **Fair Is** 2 pairs reared 1 young; **Ork** 1-3 pairs at 4 sites; **OHeb** small numbers at 4 sites Harris, 1 nest Monach Is., 37 nests L.Scadavay, North Uist, 4 nests L.a'Chlachain, South Uist; **M&N** 10 nests

R.Spey at Garmouth & 1pr Fochabers, 5 pairs Loch Spynie platform but none fledged; **NE** 51 pairs Strathbeg had 32 young, 60 pairs Forvie reared 39 young, 111 pairs St.Fergus fledged 23 young with 2-6 pairs on river at Aboyne; **A&D** 34 pairs fledged 23 young on Montrose rooftops; **P&K** bred unsuccessfully River Tay at Kercock; **Is of May** estimated 132 nests; **Forth** 78 nests Grangemouth; **Loth** 507 pairs Leith Docks; **Arg** 7 pairs bred Loch Gruinart, Islay, 4 pairs bred Big Scone & 4 pairs bred Coll; **Clyde** 22 pairs were successful at the old Esso terminal Bowling; **Ayr** single pairs bred Ballantrae & Hunterston; **D&G** 9 pairs Cairnryan.

Autumn: 200 Montrose Basin **A&D** & 129 Musselburgh **L** on 12-14 August; 57 Machrihanish **Arg** on 19 August; 80 Lunan Bay **A&D** 26 August; 50 Arbroath **A&D** 28 September; 25S Fife Ness **F** 6 October. Last Ayr, Clyde, Bord & Fair Is 3-9 September; M&, NE & A&D 13-28 September; Ork, Shet & Fife, Forth 7-17 October.

Arctic Tern *Sterna paradisaea*

Spring: First 1 Grogarry, South Uist **OH** 20 April; Loth, Ork, NE & Shet 25-29 April; Arg, Fife, High, Caith, Fair Is & Ayr 2-5 May; A&D, D&G, Clyde & Clyde Is 7-10 May. Few big counts, only 300 Whalsay **Shet** 3 May; 150 Aird an Runair, North Uist **OH** 18 May.

Breeding: *Whole islands counts on Shetland revealed 800 pairs on Foula, 400 pairs Skerries, 350 pairs Fetlar, 206 adults Mousa & 34 pairs Noss. A record 2,836 pairs nested on Fair Isle. 1,615 adults were at North Hill, Papa Westray with 690 elsewhere on the island, 920 were at 3 colonies on Rousay and 413 adults at 3 sites on North Ronaldsay. Numbers were lower elsewhere with 204-281 at 13 sites in W.Scotland where desertions probably led to site changes. In NE Scotland declines occurred at Kinloss (down 57% to 95 pairs) while the St.Fergus colony was the lowest on record at 120 pairs. There were increase on the Spey from 24 to 107 pairs and at Forvie from 76 to 212 pairs. Numbers increase on the Isle of May from 908 to 916 pairs.*

Low availability of Sandeels led to the worst breeding season in the N.Isles since 1990 with just 14 fledging from 4,200 pairs in Shetland and just 3 fledging from c.2,100 pairs at 2 sites on Orkney. 88 fledged from 204 pairs in Argyll, the best sites being in the Sound of Jura. In NW Scotland poor weather and predation meant only 30 fledged from 71 pairs on Eigg while productivity was higher on Handa at 0.71. Brora fledged 17 from 10 nests while Nigg had 135 from 169 nests. There was also good success at Forvie with 185 fledging from 212 pairs but St.Fergus failed die to gull predation.

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

	% population change			MBP		
	1999	2000	2001	1999	2000	2001
Shet	-	-	-	0.29	0.52	0.00
Ork	-	-	-	0.10	0.21	0.01
N Scot	-25	+24	-27	0.20	0.35	0.68
NW Scot	+39	+31	-43	0.28	0.13	0.33
NE Scot	-22	-6	-8	0.22	0.18	0.44
SE Scot	+62	+23	+1	0.15	0.00	0.00
SW Scot	+39	+31	-43	0.36	0.65	<0.43

change statistics for NW & SW Scotland are combined, MBP values are separate

Fair Is total failure from 2,386 nests; **OHeb** 20 nests on North Rona, *c.*500 pairs at 6 sites Harris, 65 pairs at 2 sites North Uist, 643 nests Monach Is; **M&N** 100 nests Kinloss, 107 nests Gairmouth shingles, 4 pairs Lossiemouth; **A&D** 24 pairs fledged just 2 on rooftops Montrose; **Arg** 27 pairs Loch Indaal, 15 pairs Ardnave & 4 pairs Loch Gruinart on Islay, 10 pairs Big Scone, 11 pairs Coll, 300 birds Gunna, 260 birds Milton, Tiree with 34 nests Loch a'Phuill, Tiree; **Clyde Is** 14 pairs Fladda & singles pair at 2 sites Arran; **Ayr** 4-7 pairs Ballantrae.

Autumn: 176 Strathbeg **NE** on 10 July; 115N Peterhead **NE** on 15 July; 364 Lossiemouth on 17 July; 160 Thurso **Caith** 23 July; 770 Eden Estuary **F** 24 July; 256 Machrihanish **Arg** 31 July; 550 Eden Estuary 3 August; 85 SW Musselburgh **L** 11 September.

Last A&D, D&G, Clyde & Bord 13-29 September; Arg, Fair Is, Fife, High & OHeb 1-18 October; Shet, Caith, NE & Ork 24-27 October; 1 Tyninghame **L** 31 October.

Little Tern *Sterna albifrons*

Spring: First 12 Malachete, North Uist **OH** 15 April; 2 L.Gruinart, Islay **Arg** 16 April; then first NE, Loth, High & Ayr 23- 30 April; A&D 3 May. 20 Loch Bee, South Uist **OH** 25 April; 12 Newburgh **NE** 29 April; 27 Ythan **NE** 3 May; 14 Tiree **Arg** 9 May.

Breeding: *Numbers on Orkney were stable but they increased by 30% at eight other sites in Scotland, mainly due to a recovery at the Sands of Forvie where numbers rose form 51 to 72 pairs. Elsewhere in E.Scotland numbers were very low with just four pairs. Counts from Tiree were incomplete. 87 pairs at 4 sites in Scotland produced a below-average MBP 0.21. 12 pairs in N.Scotland managed 7 young while at Forvie just 11 fledged from 72 pairs with a single Black-headed Gull predating 36 nests in a 24-hour period. Birds failed for the 5th year running elsewhere in SE Scotland.*

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2002**. JNCC

Ork 2 pairs bred unsuccessfully southern isles and a pair were seen displaying northern isles; **OHeb** a few pairs Harris, 6 sites in the Uists but few counts; **Caith** 4 Dunnet Bay in May; **High** 6 pairs Loch Fleet reared 5 young; **M&N** 17 birds present in May with 6 pairs fledging 4+ young; **Fife** 3 pairs fledged 1 young in NE but losses due to flooding; **Arg** 19 pairs Coll fledged some young, 11 pairs at 2 sites Islay, 15 nests Tiree fledged young on 27 June; **Ayr** pair Ballantrae in July, probably failed breeders from elsewhere.

In total 447 pairs were present, the highest total since at least 1997 (RBBP).

Autumn: 25 Fife Ness **F** 20 June; 29 Edenside **F** 16 July. Last Loth 26 July; OHeb 7 Aug; Fife,Ayr & NE 19-29 August; A&D 2 September; 1 Hynish, Tiree **Arg** 5 September.

Black Tern *Chlidonias niger*

Spring: Singles Earlsferry **F** 4 May; Loch Leven **P&K** 10 May; Tugnet **M&N** 11 May; Loch of Kinnordy **A&D** & Loch Leven on 15 May; 1 **Fair Is** 30 May.

Autumn: 1 at North Ronaldsay **Ork** on 1 July; 1 L.of Tankerness **Ork** 9 July.

First Loth 19 August; A&D, Forth & NE on 22-27 Aug; Shet 5 September.

Most 1-2s but 14E Musselburgh **L** 19 August; 4 Dunnet Bay **Caith** 3 October, followed by an unusual movementon 6-7 October with with 75 Cramond **L** , 42E Kinghorn **F** & 25 Kinneil **Forth**. Last birds Shet on 15 September; High, Caith, NE, Loth & Arg 3-6 October, Forth, Clyde & Ork on 15-26 October. Latest 1 Scurdie Ness **A&D** 11 November. *Only the second record for Fair Isle.*

Bird days	M	J	J	A	S	O	N	Total
N.Isles	1	0	2	0	3	4	0	10
N Scot	0	0	0	0	0	10	0	10
NE Scot	1	0	0	1	0	2	0	4
E/C Scot	4	0	2	11	3	69	1	90
SE Scot	0	0	0	24	8	75	0	107
W Scot	0	0	0	0	1	2	0	3
2001	**6**	**0**	**4**	**36**	**15**	**162**	**1**	**224**
2000	0	0	1	14	17	2	0	33
1999	2	1	3	1799	1003	0	0	2976
1998	4	3	10	42	109	0	0	51

Whiskered Tern *Chlidonias hybridus*

Adult Meikle Loch **NE** 27-29 June and then Loch of Strathbeg **NE** on 30 June. *The first for North-east Scotland and only the second for Scotland, the first having been as far back as May 1894 in Dumfriesshire.* See Gillon & Crockett (2001) in *Birding Scotland* 4: 102 for an account of this record.

White-winged Black Tern *Chlidonias leucopterus*

1 Kilconquhar Loch **F** 14-16 June; adult Herston, South Ronaldsay **Ork** 8 July with 1st-s at Loch of Tankerness **Ork** 9 July. *First record for Orkney and sixth for Fife.*

Common Guillemot (Guillemot) *Uria aalge*

Winter/Spring: Just 49 south Yell Sound **Shet** survey in January but up to 12-15,000 in Forth estuary at Rosyth **F** in mid-January; 2,000 Row Head **Ork** 18 March with 300/hr there 18 April; 1,500/hr Eyemouth **B** & 200N/hr Portencross **Ayr** 2 May; 1,753 Mull of Galloway **D&G** 8 May.

Breeding: *There was a 16% reduction in monitored plots in Shetland at Sumburgh Head, Eshaness, Troswick Ness & Hermaness, as well as on Fair Isle, with particularly reduced numbers in June when non-breeding and off-duty adults were absent* from the colonies, presumably in response to the very low food supply. Numbers at Noss & Burrovoe showed nonsignificant decreases. A whole-colony count of 45,777 birds on Noss revealed little difference from the 1996 count of 45,696. Whole colony surveys in NE Scotland from Gamrie to Pennan and Buchan Ness to Collieston were stable, increasing just a little to 45,254 & 29,389 birds respectively. There was a significant 15% increase at Fowlsheugh while plots in Rum showed a 24% increase since 2000. In SE Scotland numbers of birds on The Bass Rock, Isle of May, Craigleith, The Lamb, Inchkeith & Fidra showed little change from 2000 but St.Abbs Head showed a 8.6% decline.

Productivity was the lowest on record on Fair Isle, Papa Westray, North Sutor and the Isle of May, probably due to poor food supplies with chick showing very low weights on the May & Fair Is. Chick neglect was widespread as adults struggled to find prey. Some Orkney colonies fared better than elsewhere in the North Sea while productivity on Handa was only just below normal.

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

	% population change			MBP		
	1999	2000	2001	1999	2000	2001
Shet	+3	+2.9	-16	0.67	0.75	0.66
Ork	+23	-	-	-	0.79	0.72
NScot	-	-	-	0.52	0.61	0.52
NW Scot	+5	+3	+4	-	0.74	0.69
NE Scot	-7	+1	+15	-	-	-
SE Scot	-8	+35	-6	0.66	0.73	0.63

Fair Isle 23% decline on plots; **Is of May** 4% increase to 28,103 birds; **Fife** 81 nests Inchkeith; **Loth** 3,650 Bass Rock, 3,180 Craigleith, 2,180 The Lamb & 682 Fidra; **Arg** 3,300 Sanda. First fledged OHeb 11 July.

Autumn/Winter: 3,500N Peterhead **NE** on 3 June; 1,400 Horse Is. **Ayr** 21 July; 350 Musselburgh **L** on 21 July; 1,500S Rubha Ardvule, South Uist **OH** 29 July; 800 Ruddon's Point **F** 2 August; 940 Kingston **M&N** 11 August; 788 Wemyss Bay **Clyde** 15 Aug; 500 SE Colonsay **Arg** 22 September; 1,550/hr Eyemouth 25 September; 350SW Hynish,, Tiree **Arg** on 29 September; 420N/30 mins Elie Ness **F** on 11 November; 200 Kincardine **F** 16 November; 700 Balcarry Point **D&G** 19 November.

1 Loch Leven **P&K** 16 February with another there 18 December.

Brunnich's Guillemot *Uria lomvia*

1st-w found recently dead on North Ronaldsay **Ork** 29 January.

Now in National Museum of Scotland.

Razorbill *Alca torda*

Winter/Spring: 17 south Yell Sound **Shet** in January; 110 Redhead **A&D** 11 March; 300 Row Head **Ork** on 18 March; 131 Eyemouth **B** 31 March; 300 Lossiemouth **M&N** 25 Aprch; 249 Mull of Galloway **D&G** on17 May; 120 Lunan Bay **A&D** 24 May.

Breeding: *There were significant decreases on Shetland at Sumburgh Head & Burravoe. There was little change however on Noss since 200 but there had been a 10% increase since the last whole-colony count in 1996. Nonsignificant declines were seen at Troswick Ness, Hermaness, Eshaness & Fair Isle. In NE Scotland Gamrie to Pennan section counts were almost identical to the 4,812 in 1995 whereas the Buchan Ness to Collieston section showed a 5% increase to 3,044 birds. A nonsignificant decrease of 11% occurred at Fowlsheugh. The Isle of May plots were stable but 1 17% drop was seen at St.Abbs Head.*

Productivity on Fair Isle was higher than 2000 and slightly above average at 0.65 but fledging weights were very low. North Sutor at 0.60 was the lowest on record there while the Isle of May was below average with losses occurring at the egg stage, survival of chicks being good.

	% population change			MBP		
	1999	2000	2001	1999	2000	2001
Shet	+41	+5	-16	0.51	0.47	0.65
NWScot	+12	-7	+20	-	-	-
NEScot	+3	+53	-12	-	-	-
SE Scot	+17	+7	-3	0.52	0.68	0.60

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Is of May 4% increase to 4,114 birds; **Fife** 71prs Inchkeith; **Loth** a 35% increase to 137 Bass Rock, 136 Craigleith, 96 The Lamb & 89 Fidra; **Arg** 3,000 Sanda Is.. First fledged St.Kilda **OH** 8 July.

Autumn/Winter: 1,700N Peterhead **NE** 3 June; 600S Rubha Ardvule, South Uist **OH** 29 July; 670 Findhorn Bay **M&N** 17 August; 200 Lossiemouth **M&N** 22 August; 655 St.Andrews Bay **F** 24 August; 770N/2hrs Turnberry Point **Ayr** 9 September; 100 SE Colonsay **Arg** 22 September; 600S Rubha Ardvule 1 October.

Black Guillemot *Cepphus grylle*

Winter/Spring: 508 Yell Sound **Shet**, 406 Bressay Sound **Shet**, 400 North Ronaldsay **Ork**, 354 Bluemull **Shet**, 100 Sound of Harris **OH** & 100 Whiteness Voe **Shet** during January-April. Best southern count was 37 Port Glasgow-Greenock **Clyde** in March. 50W (20mins) Duncansby Ness **Caith** 11 April.

Breeding: *Shetland counts were generally down but extra-low tides and F&MD access restrictions may have had an impact on counts. Yell Sound counts were 29% down while those on Noss, Foula & Fair Isle varied between 20-25%. North Ronaldsay with 400 birds represented a 16% drop but North Hill, Papa Westray held record numbers, up 59% on 2000. Northern Caithness & Sutherland with 464 birds was a 51% decline on the last counts there in 1986-89. Southern parts of the Outer Hebrides had all but doubled from 500 to 958 birds in 1988/89. However the Monach Is. count had a large decline from 849 to 585 over the same time scale, although there are concerns about the accuracy of the 2001 count. Numbers from Oban to Campbeltown had dropped by 23% from 1,611 in 1990/91 to 1,233 birds in 2001, especially on Gigha. On the other hand Sanda numbers were up to 444 birds since 1991, a 58% change. There were large declines on Islay and Jura, 36% to 653 & 66% to 35 respectively. Increases were noted in southern Ayrshire with 119 birds compared to just 6 in 1991 and in Dumfries & Galloway where numbers rose from 223 in 1991 to 300 in 2001.*

birds	1999	2000	2001	% change
E.Fair Isle	144	173	139	-20
E.Fetlar	208	254	248	-2
N&S Foula	159	156	116	-26
Orkney	-	260	312	+20

On Orkney data on productivity showed an excellent MBP 1.66 (mean 1.30) with North Ronaldsay just above average at 1.59 (mean 1.50). Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Fair Is 139 birds; **Ork** 35 nests Auskerry, 10 birds Copinsay; **OHeb** 50 pairs Shillay, 4 pairs North Rona, 8 birds St.Kilda; **M&N** 3 pairs bred at Tronach Head & Portknockie; **NE** 5 Muchalls; **Arg** 54 Treshnish Is., 10 Traigh Ban, Colonsay & 196 Sanda; **Clyde Is** 8 pairs at 3 sites Arran; **Clyde** 48 pairs Renfrewshire; **D&G** 16 Cairnryan, 7 Portpatrick & 10 Mull of Galloway.

Autumn/Winter: 118 Echnaloch **Ork**, 40 Machrihanish Bay **Arg** & 9 King's Cave, Arran **Clyde Is** in July-August; 169 Lyness-Houton **Ork** & 22 Largs **Ayr** in September-October; 724 Bluemull, 610 Yell Sound, 552 Gulberswick **Shet**, 416 South Harva **Shet**, 391 Yell Sound & 55 L.Ryan **D&G** in November-December.

Extralimital birds: 1 **Isle of May** 8 January; 1 Prestonpans **L** 5 February; 1 Fife Ness **F** 22 March; 2 Fife Ness 14 September; 1 Isle of May 8-10 October; 1 Kinghorn **F** 20 & 27 October; 1 Carnoustie Bay **A&D** 17-21 November; 1 Lower Largo **F** 17 November; 1 Musselburgh **L** 9-14 December.

Little Auk *Alle alle*

* = approx	Jan	Feb	Mar	Apr	Sep	Oct	Nov	Dec	Total
N.Isles*	137	2	1	0	1	13	44	179	377
OHeb	1	2	0	0	0	2	16	2	23
N Scot	0	0	0	0	0	2	158	8	168
NE Scot*	1	3	0	0	0	0	328	1	333
E/C Scot*	8	2	0	0	0	1	2083	1007	3100
SE Scot	0	0	0	0	12	0	453	2	469
W Scot	0	1	0	0	0	1	2	1	5
SW Scot	0	0	0	0	0	0	2	0	2
2001	**147**	**10**	**1**	**0**	**13**	**19**	**3068**	**1200**	**4485**
2000	345	82	11	3	9	41	112	169	722
1999	23	26	121	7	0	23	47	110	357
1998	110	26	6	6	5	29	244	164	590

Winter/Spring: Very quiet winter with just 2 large flocks, 65 Scapa Flow **Ork** & 52 south Yell Sound **Shet** 5 &12 January, and a scatter elsewhere.

1 confused bird at the Psychology Building, Aberdeen University **NE** 6 February was most unusual.

Autumn/Winter: First 2 St.Abbs Head **B** 20 September with 7 Eyemouth **B** 21 September. The first off Shet 26 September; OHeb 2 October; Fife, Arg & High 23-31 Oct. A large-scale influx then followed , mostly off the east coast from NE to Borders. 21 **Fair Is** 5 November; 248N Fife Ness **F** & 30N St.Abbs 9 November; 270 Girdleness **NE**, 167N St.Andrews Bay **F**, 143 Brora **H**, 115N Dunbar **L** & 16W Lossiemouth **M&N** on 11-12 November; 276W/136E Kinghorn **F**, 121/hr Barns Ness **L** on 13 November; 249 Kinghorn & 137/hr Musselburgh **L** 14 November; 800 **Is of May** 17 November; 100 Fair Is 19 November. A gap followed with 1,000 Is of May 7 December & 59 Gulberswick-Hildasay **Shet** 11 December.

Atlantic Puffin (Puffin) *Fratercula arctica*

Winter/Spring: Few meaniful counts - 280 Kinneff **NE** 30 March; 10,000 off Dun, St.Kilda **OH** on 20 April; 130 Auchmithie **A&D** 8 May; 47E Cramond Island **L** 25 May.

Breeding:

A total of 13.488 birds were counted on Fair Isle, 11% lower than in 2000. This figure, along with colour-ringing data produced an estimate of 54,000 birds which would represent a 33% drop from that of 2000. However if birds were at sea more often chasing the few Sandeels and other prey these figures may under-represent the actual numbers. On Eilean Mor, Flannen Isles, 6,112 burrows were counted in a sampled area. Figures here suggest a doubling of the population from the 1992 estimate of 5-6,000 pairs. On Lunga 1,542 burrows were counted and estimates of 2,146-3,688 birds were produced from that and other data. 735 on Handa was the highest count since they started there in 1995 and recently colonised areas were noted.

Success on the Isle of May was 0.77, equal to the long-term mean of 0.76. Fair Isle at 0.30 showed low productivity, well below the 0.72 mean. Many starved chicks were found in burrows and some adults were still returning well into August. There were dozens of dead chicks on Foula in mid July.

Based on Mavor *et al.* 2002. **Seabird numbers & breeding success in Britain & Ireland, 2001**. JNCC

Ork 100 Copinsay & 250-300 Westray; **OHeb** 2,536-7,000 AOBs North Rona & 150-200 AOBs Coppay; **NE** 260 Bullers of Buchan; **Fife** 10 Inchcolm; **Loth** 21 birds Inchmickery & The Lamb; **Bord** 53 St.Abbs Head & 61 Fancove Head; **Arg** 290 Sanda; **D&G** 11 Mull of Galloway.

First fledged Is of May 4 July; St.Kilda 12 August.

Many observations of late fledging in N&W Isles, sometimes into September.

Autumn/Winter: 240 Peterhead **NE** 23 June; 106 Dunbar **L** 18 July; 2,050/30 mins Fife Ness **F** 15 July with 6,000 SW/2hrs there 27 July; 150/hr Girdleness **NE** 21 July; 500/hr S St.Abbs 22 September.

Rock Pigeon (Rock Dove) *Columba livia*

Feral Pigeon

Winter/Spring: 421 Gullane-England **L/B**, 400 Toucks **NE**, 237 Dunbar Castle **L**, 236 Summerston **Clyde**& 200 Dysart **F** in January-Febriary; 220 Muircambus **F** in March; 300 Arbroath **A&D** in May.
Breeding: **Fife** 300 pairs Longannet Power Station was the only breeding report in 9 area reports.
Autumn/Winter: 250 Burntisland **F**, 230 Burghead Maltings **M&N** & 200 Dysart in September-October; 900 Bridge of Duns **A&D**, 500 Kilmany Station **F**, 200 Wester Manbeen **M&N** & 200 Sandyford **Ayr** in November.

Rock Dove

Winter/Spring: 2,500 Barnhouse **Ork**, 330 Balranald, North Uist **OH**, 165 Sloc Roe, North Uist **OH**, 150 Stillgarry, South Uist **OH**, 74 Heylipol, Tiree **Arg** & 50 Smaull, Islay **Arg** in January-February. 100 Loch Gruinart, Islay **Arg** & 50 Balphetrish, Tiree **Arg** in May.
Breeding: **Shet** 7 pairs Noss; **Ork** 4 pairs Feold; **OHeb** 14 pairs North Rona, probably bred Shillay, Monach Is. & 11 Loch an Tomain, North Uist in May; **Arg** 4 pairs Sanda, 4 pairs Glunimore, 2-3 Lunga with br2 Tiree airport 6 September.
Autumn/Winter: 200 Crogarry Beag, North Uist **OH**, 200 North Roe **Shet**, 190 Toab **Shet**, 178 Kenovay, Tiree, 175 Clachan, North Uist **OH**, 130 Quendale **Shet**, 114 Oronsay **Arg** & 110 L.Ordais, Lewis **OH** during September-October. 500 Costa **Ork**, 450 Shapinsay **Ork**, 336 Smaull, 300 Sloc Roe, 150 Killinallan **Arg**, 100 Eriskay **OH** & 100 L.Skerrols **Arg** in November-December.

Stock Pigeon (Stock Dove) *Columba oenas*

Winter/Spring: 50 Eskbank **L**, 36 Glen Fruin **Clyde**, 33 Loch of Strathbeg **NE**, 29 Heritage Park **Clyde**, 22 West Millichen **Clyde**, 20 Auchinleck **Clyde**, and 10-19 birds at Memsie **NE**, Shewalton **Ayr**, Lecropt **Forth**, Bonnybridge **Forth** & Musselburgh **L** during January-March. As flocks broke up in the breeding season the best April-June parties were 19 Skinflats **Forth**, 11 Bemersyde **B** & 10 Auchincruive **Ayr**. 1 reached **Fair Is** 4-9 April with another there 29 April-16 May, also 1 Graemeshall **Ork** on 28 May.

Area	sites	terrs	Area	sites	terrs
M&N	14	14	Bord	16	22
NE	2	2	Clyde	15	19
P&K	12	19	Ayr	8	8
Loth	2	2			

Breeding: **P&K** 7 pairs bred in boxes Springlands, Perth; **Clyde Is** pair at cliff site Cumbrae.
Autumn/Winter: 24 Wormit **F**, 23 Leuchars **F** & 20 East Harlaw **NE** with 10-19 birds at Goose-pools **F**, Kinneil **Forth**, Linlithgow Loch **L** & Mid Calder **L** in during July-September. As winter flocks gathered from October-December numbers rose to 240 Blackstoun **Clyde**, 50 East Millichen **Clyde**, 40 Duddingston **L**, 36 Aberlady **L**, 30 Camelon **Forth**, 30 Sandyford **Ayr** & 20 Crocketford **D&G** with 10-19 birds Newport **F**, Alloa **Forth**, Pow Burn **Ayr** & Lantonside **D&G**. 1 reached North Ronaldsay **Ork** on 20-26 October.

Common Wood Pigeon (Woodpigeon) *Columba palumbus*

Winter/Spring: January-March flocks at 5,400 Maryton **A&D**, 1,500 Darkland **M&N**, 1,000 Black-hill **P&K**, 900 Sherrifhall **L**, 900 Loch Gelly **F**, 800 Cathkin Braes **Clyde** & 800 Greenloaning **P&K**, with 500-750 birds seen Grange of Lindores **F**, Grove Farm **L**, Caerlaverock **D&G**, Blairlogie **Forth**, Badnoch **A&D**, Stantling Craig **B**, 650 Balmossie **A&D**, Otterston Loch **F** & St.Fergus **NE**.
The first migrants reached Shet & Fair Is 20-28 March with 4 singles St.Kilda **OH** 27 April-12 May.
Breeding: **Shet** br2 Baltasound with up to 12 Halligarth & 2 Catfirth in summer; **Ork** 5 pairs Durkadale & 3 pairs Loch of Banks; **OHeb** small numbers seen Achmore, Lewis & Horgabost Wood, Harris. Few meaningfully reports elsewhere but 12 pairs Aberlady **L** were well below the local mean. 12 pairs Millerston **Clyde**, 8prs Roslin Glen **L** & 8 pairs Vane Farm **P&K**. Pair Inchcolm **F**.
Autumn/Winter: Best November-December flocks were 4,000 Cranshaws **B**, 4,000 Ravenstruther **Clyde**, 2,500 Earlston **B**, 2,000 Kingoldrum **A&D**, 2,000 Whitrig P. **B**, 1,000 Lecropt **Forth**, 1,000 Kinbuck **Forth**, 900 Braco **P&K**, 900 Grange Hill **F**, 800 Monktonhill **Ayr**, 800 Edgehead **L** & 800 Wormiston **F** with 500-750 birds Cummingston **M&N**, Meadowflat **Clyde**, Gallowhill **NE** & Lochore Meadows **F**.
An extremely large movement seen with 20,000 + over Newmains **B** 22 November with smaller parties of 810W Clochan **M&N** and 780SW Torry **NE** on 26 & 31 December respectively.

Eurasian Collared Dove (Collared Dove) *Streptopelia decaocto*

Winter/Spring: January-March flocks include 53 Finstown **Ork**, 50 Stonehaven **NE**, 36 East Haven **A&D** 32 Maryhill **Clyde**, 32 Lochmaddy, North Uist **OH**, 30 Lecropt **Forth**, Claddoch **Clyde** & 25 Scone **P&K**.

More suprising are that larger flocks exost after winter is finished with 60 Newton Mearns **Clyde** & 30 Cassieford **M&N** in April and 41 Bruichladdich, Islay **Arg** in May; 24 Unst **Shet** in June.

Small numbers were regular on St.Kilda **OH** March-August but 6 there 22&25 May was unusual. 1-2 birds on Monach Isles, North Rona & Flannan Isles in summer. 5 singles **Is of May** April-June.

Breeding: **Shet** attempted breeding Baltasound, Lerwick & Veensgarth; **Ork** breeding activity now in 10 areas; **OHeb** bred 7 areas of Lewis & Harris, 11-13 pairs at 3 sites in North Uist & 5-6 pairs at 2 sites in South Uist; **P&K** 2prs Rannoch Station in June.

Autumn/Winter: Best September-December flocks were 60 Myres Hill **Clyde**, 60 West Millichen **Clyde**, 40 Queenamidda **Ork**, 42 Loch Ascog Bute, **Clyde Is**, 32 Kinloss **M&N**, 32 Dyke **M&N**, 31 Crosshill **Ayr** & 26 Roundyhill **A&D**.

European Turtle Dove (Turtle Dove) *Streptopelia turtur*

half	May		Jun		Jul		Aug		Sep		Oct		Total
months	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	1st	2nd	
N Isles	0	2	2	1	1	0	0	1	2	7	1	0	17
OHeb	0	6	1	2	1	0	0	0	1	0	0	0	11+1
N Scot	0	0	0	1	0	0	0	0	0	0	0	0	1
SE Scot	1	1	0	0	0	0	0	0	0	0	0	0	2
W Scot	0	0	1	0	0	1	0	0	0	1	0	1	4
SW Scot	0	1	1	0	0	0	0	0	0	0	0	0	2
2001	**1**	**10**	**5**	**4**	**2**	**1**	**0**	**1**	**3**	**8**	**1**	**1**	**38**
2000	5	18	9	4	0	0	1	2	7	10	2	1	59
1999	5	10	4	1	0	0	0	7	4	7	2	0	40
1998	10	16	8	2	0	0	1	0	8	39	5	1	109

Spring: An indifferent spring with only singles at Upper Coll, Lewis **OH** on 30 April; Ormiston **L** on 13 May; Ardivachar Point, South Uist **OH** 16 May; Musselburgh **L** on 21 May; Ardivachar & Queenamidda **Ork** 23 May; St.Kilda **OH** & **Fair Is** 25 May; Caerlaverock **D&G** 30 May; Howmore, South Uist **OH** 31 May; Salen, Mull **Arg** 7 June; Kergord **Shet** 8 June; Farr **H** 16-17 June & Fair Is 25 June.

Autumn/Winter: A very poor autumn with singles mostly on N&W Isles with first bird Fair Is 27 August; Shet, Ork & OHeb 2-14 September. Last Arg 29 September; Shet 7 October with a very late bird at Parklea, Woodhall **Clyde** 27 October.

Common Cuckoo (Cuckoo) *Cuculus canorus*

Area	sites	terrs	juvs
Ork	8	8	1
OHeb	17	20	6
M&N	6	15	-
NE	11	11	-
A&D	23	23	2
P&K	21	21	1
Fife	6	6	2
Forth	7	7	2
Loth	5	9	-
Bord	20	21	2
Clyde Is	+	>4	1
Clyde	36	47	
Ayr	14	14	-
D&G	5	-	-

Spring: First at Shiskine, Arran **Clyde Is** 10 April before Arg & Clyde on 16-19 April; OHeb, High, Ayr, D&G, P&K, Shet, Forth and Bord on 22-28 Apr; A&D, M&N, NE, Fife & Loth 1-3 May; Ork and Fair Is on 5-16 May. Only 5 birds reached Shetland and there were only singles at migration points.

Breeding:

Best sites were 10mm Pluscarden **M&N** & 6mm Kilmannan **Clyde**. First juveniles seen Bord 24 June; OHeb 14 July; Clyde 21 July; Clyde Is 26 July; A&D 13 August.

Autumn: None Shet & just singles on Ork & Fair I. Last birds OHeb & Clyde 27-29 July; Arg, NE, Ork, Ayr, Fife & Fair Is 5-15 August; P&K, A&D & Loth 17-21 August. Latest 1 St.Abbs Head **B** 18 September.

Barn Owl *Tyto alba*

Breeding: **Caith** pair bred Olrig; **High** several pairs bred in northern Sutherland in a recent range extension; **M&N** 6 known pairs and seen 7 other sites in summer; **NE** bred Strathbeg; **P&K** seen 3 sites; **Fife** noted 9 sites with 2 known nests fledging 5 young; **Forth** noted 6 sites Carse of Stirling with records from 5 other sites; **Loth** records from 23 sites with 1 known nest which fledged 1 young; **Bord** seen 35 sites but breeding only proved at 3 sites where 13 fledged; **Arg** 31 territories were noted where

eggs were laid, 24 clutches hatched & fledged 60 young, MBP 2.5; **Ayr** 3 nests reared 8+ young; **Clyde Is** 2br7 noted Arran with 2br6 Bute; **Clyde** records from 17 sites with minimum 14 pairs and 7br21in the Endrick Mouth area; **D&G** poor season Stranraer and only 3 of 8 pairs were successful in the Galloway Forest Park during a poor vole year also 2br5 Mersehead & Caerlaverock and increasing in the Moffat-Beattock area.

Non-breeding season: January-February & October-December birds at - **M&N** 20 sites; **P&K** 10 sites; **A&D** 4 sites; **Fife** 9 sites; **Loth** 1 seen central Edinburgh in February; **Bord** 60 sites; **Clyde** 17 sites; **Ayr** 9 sites.

Continental Barn Owl *T.a.guttata*

1 found dead Stakkafletts, Fetlar **Shet** 25 October while 1 at Balmedie **NE** 11 November died the next day. *Shetland specimen now in the National Museum of Scotland.*

Eurasian Scops Owl (Scops Owl) *Otus scops*

1 Cunningsburgh **Shet** 14 May. *Ninth record for Shetland.*

See Nicolson (2001) in *Birding Scotland* 4:128-129 for an account of this record.

[1954] 1 found dead Northdale, Fetlar **Shet** 23 June. *Now the 7th record for Shetland.*

Little Owl *Athene noctua*

1 Newmains **B** all year; 1 Manorbridge Wood **B** 2 April; 1 Ardeer **Ayr** 21 & 31 September; 1 Cherrytrees **B** 14 December. *Third record for Ayrshire.*

Little Owl Newmains Borders

Tawny Owl *Strix aluco*

M&N restrictions limited reports to just 3 sites; **NE** 17 sites but just 1 confirmed breeding; **A&D** 15 young fledged from 8 sites with possible breeding at 3 other sites; **P&K** noted just 3 sites; **Fife** reported 32 sites and probably bred 16 sites with 5br11 seen; **Forth** 9 sites; **Loth** noted only 7 sites; **Bord** reported 41 sites in breeding season with 7br11 seen, also 22 sites in winter; **Arg** 13 territories Glen Branter where 19 young fledged, 8 pairs Cowal produced minimum 10 young, records from 24 other sites; **Clyde** 17 sites **Ayr** 7 pairs bred Culzean, 3 pairs Loch Doon and single pairs at 4 other sites; **D&G** noted 4 sites.

Unfledged young found dead Linlithgow **L** on the early date of 9 March indicating laying date in December 2000. Br2 out of nest at Glasgow Botanic Gardens **Clyde** 21 March. First fledged young seen Bord 6 May; D&G 21 June; Forth 25 June.

Long-eared Owl *Asio otus*

Winter/Spring: Only 1 bird was at the Queenamidda roost **Ork** in January. No other roost was reported. There were few other winter birds with just 4 Clyde, 2 Shet, M&N & Fife with singles A&D, P&K, Is of May & Arg. First 1 **Fair Is** 30 March; 1 St.Kilda **OH** 2 April; 1 **Is of May** 20-29 May.

Breeding: **OHeb** 2 sites North Uist with young seen Ben Aulasary; **M&N** young noted at Caysbriggs, Kinloss, Forres & Lossiemouth and probably bred Lien; **NE** broods Aberdeen, Newburgh, Alford with 2 pairs Ythan; **A&D** probably bred Roundyhill & Montreathmont; **P&K** 3 pairs Kinloch Rannoch; **Fife** young heard Earlshall Muir, Lomond Hills & St.Andrews; **Loth** probably bred 2 West Lothian sites, one confirmed; **Bord** 2br3 North Stewarton & West Loch, present at another site; **Arg** nest seen Mull with 2br5 Colonsay; **Clyde Is** br2 Machrie Moor, Arran; **Clyde** 5 sites with 3br7 at Carron Valley Forest, Dolphinton & Mugdock Park; **Ayr** br3 Hallowshean.

First young noted Bord 2 June; Clyde 12 June; Fife 20 June; Loth 23 June; Ayr 27 June.

Autumn/Winter: Few passage birds with singles Is of May & Bord in August; singles Fair Is & NE during September; 4 singles Fair Is, 3 Ork & Shet, 2 NE and single Bord in October.

No roosts were reported. There were few other winter records other than 3 Longhouse Ork in December with only singles Shet, P&K, A&D, Clyde & Ayr.

Long-eared Owl, St.Abbs Head, Borders

Short-eared Owl *Asio flammeus*

Winter/Spring: January-March birds: Loth 10, NE 9, Ayr 8, Bord 5, OHeb & Clyde 2 with singles Ork & Is of May, with 11 Irvine **Ayr**, 7 Black Claucrie **Ayr**, 5 Musselburgh **L**, 5 Easter Inch Moss **L** & 4 Barras **NE** & 4 Gauldry **F** in January-March. First Is of May & Shet 1-2 April; Fair Is 25 April.

Breeding: **Ork** 8 pairs Birsay Moors, 3 successful pairs Orphir, 2 pairs bred Eday, brood Lyde Road and young seen South Ronaldsay; **OHeb** excellent year Uists; **M&N** just 2 sites; **NE** 3 inland sites in May/ June; **P&K** 4 sites; **A&D** 3 sites; **Fife** pairs Leuchars & Mugdrum Island; **Forth** 3 sites; **Bord** 11 pairs at 8 sites but no confirmed breeding; **Arg** seen 15 sites with 5 pairs Cowal of which 4 were successful, also br4 Smaull and young seen Moine Mhor; **Clyde Is** 2 nests Arran with young Machrie Moor & pair Bute; **Clyde** 18 pairs but just 2 families at Smeathill & Glen Fruin; **Ayr** 2 pairs Muirhead Reservoir. First fledged Clyde Is mid-May; OHeb late May; Ork 21 June. Second broods OHeb late August.

Autumn/Winter: Passage birds September-early November, peaking early October on east coast & N.Isles. 6 Ardeer **Ayr** 12 September. First Shet 13 September; Fair Is 25 September. Maxima of 10 **Fair Is** 22 October; 11 Out Skerries **Shet** 19 October. 5 Forvie **NE** & 3 Caerlaverock **D&G** 3 November; 4 Skinflats **Forth** 16 November.

December birds - 8 Is of May 6, D&G, Ayr & Ork, 4 Fife, 3 NE, 2 Clyde & singles P&K, OHeb, Fair Is and Forth. 8 **Is of May** 8 December; 5 Ardeer 8-16 December; 3 Mersehead **D&G** 11 December; 3 Slains **NE** 16 December; 2 pairs displayed Durkadale **Ork** 17 December; 2 Glenrothes **F** 31 December.

European Nightjar (Nightjar) *Caprimulgus europaeus*

Spring: First 1 Loch na Cuilce, Mull **Arg** 11 May & 1 Cnoc Raemhar **Arg** 17 May. First D&G 13 June.
Breeding: **Arg** the follow up at the above sites yielded no returns, the birds were presumed to be migrants; **Clyde Is** no reports; **D&G** 4 Glassoch Fell in June, 2 Tinkers Loaning, Dalbeattie Forest in June, 6-8 Bennan in June/July & 2 Laurieston in July.
A possible increase in the southwest but disturbing lack of records from western Scotland.

Pallid Swift *Apus pallius*

1 Wester Lother **Fair Is** 2 October. *The first record for Fair Isle and the third for Scotland.*

Common Swift (Swift) *Apus apus*

Spring: First 3 Lindores Loch **F** & singles Kinross **P&K** & Coldstream **B** on 27 April; Then A&D, Loth, Clyde, Ayr, Fair Is & Forth 28-30April; D&G, Is of May, Arg & NE 1-5 May; M&N, Clyde Is, High, OHeb, Shet & Ork 10-25 May. The best early counts - 500 Loch Gelly **F** 14 May; 100 Strathbeg **NE** 15 May; 250 Kilconquhar Loch **F** 18 May; 24 Lochgilphead **Arg** 21 May; 100 Martnaham Loch **Ayr** 20 May; 250 Balgray Reservoir **Clyde** 30 May.
Breeding: **Loth** 1 nest Edinburgh; **Bord** 7 nests Peebles, 5 Leaderfoot Viaduct & 3 Morebattle, in addition screaming parties were noted at 33 sites, totalling 235 birds, maximum 32 Tweedbank; **Arg** 24 Lochgilphead, 15 Dunoon & 3 Oban; **Clyde Is** record 32 High Kildonan, Arran in July; **Clyde** just 2 sites mentioned; **Ayr** 35 Ayr Academy, 13 pairs Culzean & 2-3 pairs Crosshill.
Autumn/Winter: Large June counts were 2,200 Loch Gelly, 800 Strathclyde Loch **Clyde**, 660 Strathbeg, 350 Goosepools **F** & 300 Culbin Forest **M&N** while 157E off the sea at Machrihanish **Arg** 26 June is unusual. Smaller numbers generally in July with 260 Mersehead **D&G**, 150 Musselburgh **L**, 130 Bo'ness **Forth**, 100 Flanders Moss **Forth** and 100 Hound Point **L**. In early August there were 240 Bemersyde **B**, 200 Skinflats **Forth**, 130 Auchendores Reservoir **Clyde** & 100 Craigforth **Forth** but in the second half of the month 81 Strathclyde Park **Clyde**, 40 Musselburgh **L** & 35 Dunnet Head **Caith** were significant counts. Last regulars Is of May, Bord, M&N, A&D, Arg, Loth, Fife & Forth 21-28 August; Ork, Ayr, Clyde & NE 2-4 September. Few September reports, then passage stragglers in October with latest birds Shet & D&G 1-4 October; Fair Is, Ork, Arg & Fife 16-25 October with latest 1 Broughty Ferry **A&D** 3 November.

Common Kingfisher (Kingfisher) *Alcedo atthis*

Many reports of increasing numbers. **M&N** noted River Fiddich at Wester Gauldwell & River Nairn in summer and Loch Spynie in winter; **NE** total of 14 birds seen at 9 sites with breeding season reports from 3 sites on the Dee at Cults and at Inchgarth where they bred, maximum 4 Dee 25 June; **A&D** summer records from Cortachy & Craigmill Den and 8 other sites in winter; **P&K** bred Perth, Kercock, Murtly, Loch Leven & perhaps Dalguise with pair Comrie, also 15 other sites outwith the breeding season; **Fife** summer records from Edenside, Balcarres Den, Pittenweem & Bluther Burn but no confirmed breeding, also 11 other sites in winter; **Forth** breeding season records from Devon at Cambus & Thornhill, bred Doune, also reported 13 other sites in winter; **Loth** possible juvenile Edinburgh with breeding season records Almondell, Almond Pools, Seafield & Penicuik, also noted 15 other sites in winter; **Bord** seen 13 sites in summer with adults carrying food at Tweedbank, also 7 other sites in winter; **Arg** single Dunoon was only report; **Clyde Is** just 1 report at Slidderywater, Arran; **Clyde** 10 pairs reported with at least 5 breeding; **Ayr** occupied territories noted Auchincruive & Failford and 7 other non-breeding reports; **D&G** bred Nith at Dumfries and also noted 11 sites in breeding season, maximum 4 Dumfries in June, also seen 22 other sites in winter, with 4 Kingholm in December. First young Clyde 25 July.
Extralimital: singles Brig of Bakkasetter **Shet** 7-9 April; Peerie Voe of Spiggie **Shet** 22 July.

Bee-eater *Merops apiaster*

1 Lunna House **Shet** 10-12 July. *18th record for Shetland.*

European Roller (Roller) *Coracius garrulus*

1 Ardeer **Ayr** 7-10 May. *Third record for Ayrshire.*

Hoopoe *Upupa epops*

Spring: 1 Girdleness **NE** 24 April; 1 **Fair Isle** 30 April; 1 Kirkcaldy **F** 2 May; 1 Cradlehall, Inverness **H** 4 May; 1 Glenborrodale-Salen **H** 22 May.

Autumn: 1 Pictfield Farm, Rattray **P&K** 10 July; 1 West Side, Eday **Ork** 29-31 August; 1 Barns Ness **L** 20-21 September; 1 Grutness/Sumburgh **Shet** 28-29 September; 1 Fetlar **Shet** 29 September; 1 East Voe, Scalloway **Shet** 5 October. *5 in spring & 6 in autumn. 25th for Fife and 28th Lothian record.*

Eurasian Wryneck (Wryneck) *Jynx torquilla*

Spring: 2 **Fair Is** 25 April; 1 Fair Is 29 April with 2 there 30 April & 1on 5 May; 2 Fair Is 10 May with 4 Fair Is & 2 North Ronaldsay **Ork** 11 May; 1 Baltasound **Shet** & 1 Fair Is 12 May; 1 North Ronaldsay 16 May; 1 Fife Ness **F** 19 May; 1 Fair Is 23 May;1 Longformacus **B** 1 June; 1 Croig, Mull **Arg** 14 June.

Autumn: Widespread fall 19-31 August with 6-8 birds Fair Is, 2 Burrafirth **Shet**, 2 **Is of May** and 9 **Shet** singles at Norwick, Northdale, Fetlar (2), Ringasta, Noss, Sumburgh Head, 1 Ollaberry & Out Skerries, also3 **Ork** singles at Herston, South Ronaldsay, North Ronaldsay & Deerness.

Only 2 mainland birds at Elliot **A&D** on 21 August & St.Abbs Head **B** 25 August.

Minimum of 17 in spring & 27 in autumn.

Green Woodpecker *Picus viridis*

High 1 Golspie in April; **M&N** reported only Banchor & Elgin during breeding season; **NE** noted 5 sites in breeding season but no confirmed records but 3 pairs Park Estate; **A&D** breeding suspected Kinnordy Estate, Montreathmont, Crombie & Glen Esk, noted 4 other sites; **P&K** reported 25 sites but no proof of success; **Fife** bred Balcaskie, Carphins, Bathmoor Plantation & Cullaloe, also seen 20 other sites in breeding season; **Forth** 12 records from Alva-Dollar Glen area & 12 sites Stirling; **Loth** noted at 16 potential breeding sites but no proof; **Bord** noted 26 sites in summer with confirmed breeding Abbotsford & St.Abbs, also 20 sites in winter; **Arg** seen Balcardine and at Ardfern, the latter well outside the recent known range; **Clyde** 9 sites in breeding season but no confirmed breeding; **Ayr** just 2 breeding season reports from Irvine & Kilkerran; **D&G** bred Bennan & Doach Wood with summer records from 4 other sites. First young Bord 26 June; D&G 6 July; Forth 12 September.

Great Spotted Woodpecker *Dendrocopus major*

Many areas report increasing frequency of birds in gardens.

Breeding: **M&N** noted 4 sites in breeding season; **NE** noted numerous sites on Deeside & Donside and 10 coastal and northerly sites with confirmed breeding at 7 sites; **A&D** reported from 30 sites with breeding confirmed at 8 sites; **P&K** 29 sites with 3 pairs Drummond Hill; **Fife** breeding confirmed at 8 sites and birds were seen at a further 19 sites in summer; **Forth** reported 20 sites; **Loth** 4 pairs Roslin Glen with proved breeding at 3 other sites and records through year from 17 sites; **Bord** 3mm Manorbridge & Duns Castle and seen total of 43 sites in breeding season with confirmed breeding at 9 sites, also 46 sites in winter; **Arg** 6 potential breeding sites, also seen 4 sites on Mull; **Ayr** 32 breeding season sites but just 1 young seen; **Clyde** 42 pairs at 36 sites in season with 5br7 noted, also 16 sites in winter; **D&G** present at least 19 sites in breeding season with young seen Caerlaverock & Kirkrcudbright, 3prs Glentrool Oakwoods.

First fledged young seen Bord 10 June; P&K 12 June; Clyde 13 June.

1 Baybie, Lewis **OH** 2 September but not identified to race but probably too early for the influx noted below.

Great Spotted Woodpecker, Whithaugh Park, Borders

Continental Great Spotted Woodpecker *D.m.major*

The biggest influx in **Shetland** since 1973 with at least 65 birds, mostly juveniles, including the first-ever for Noss. The first bird arrived on Shetland on 16 September with further waves appearing on 23 September & 29-30 September. More arrived on 18 October with the latest bird remaining until 14 November. **Fair Is** received birds from 17 September with peak counts of 7 on 29 September & 4 on 20 & 24 October. 40-50 birds reached **Ork**, mostly singles throughout the islands with 1 still present in Kirkwall until the end of the year. There were 2 on **Is of May** on 24 September, 7 from 25-28 September, 3 on 30th September, 4 from 1-3 October with the last 2 on 4 October.

A few were identified on the mainland: 2 Balcomie Farm **F** & 1 Melvich **H** 26 September; 1 Girdleness **NE** 27 September, while 5 singles in **Caith** at St.John's, Thurso, Balnahard, Brough & Beil of Duncansby from 25 September-20 October were likely candidates.

Greater Short-toed Lark (Short-toed Lark) *Calandrella brachydactyla*

Autumn: 1 **Fair Is** 24 September-4 October; 1 Brough, Whalsay **Shet** 7-11 October; 1 Durigarth **Shet** 9-12 October. The Fair Isle bird showed characteristics of the grey eastern race *C.b.longipennis.*

Wood Lark (Woodlark) *Lullua arborea*

[2000] 1 Maywick **Shet** 10 November.

Sky Lark (Skylark) *Alauda arvensis*

Winter/Spring: January-February flocks mainly from coastal lowlands with 1,000 Easthaven **A&D**, 750 Newmains **B**, 500 Loiriston Loch **NE**, 400 Rigifa **NE**, 300 Smaull, Islay **Arg**, 220 Bankend **D&G**, 200 Vane Farm **P&K**, 200 Coaltown of Wemyss **F** and 100-199 birds Ardivachar Point, South Uist **OH**, Lecropt **Forth**, Sandyford **Ayr**, Costa **Ork** & St.John's Pond **Caith**. Only one significant movement noted with 350E Valleyfield **F** on 26 Jan. Some considerable numbers in northeastern areas in March with 2,500 Arbilot **A&D**, 2,500 Elliot **A&D**, 1,000 Kelly **A&D**, 800 Crawton **NE**, 390 Loch Gruinart, Islay **Arg**, 354 Mersehead **D&G**, 220 Bankend **D&G** with 370 on passage through **Fair Is** in April. Best counts elsewhere: Clyde 91, Clyde Is 16 and M&N 12.

Breeding: Census work at some reserves revealed some very large populations with 263 pairs Hermaness **Shet** and 208 pairs Mersehead **D&G**, but also 37 pairs Birsay Moors **Ork** & Vane Farm **P&K** (where 30 in 2000), 36 pairs Goosepools **F**, 30 pairs **Fair Is**, 23 pairs Aberlady **L** (33) & 21 pairs Outhead **F**. Dedicated recording also brings in big cumulative totals with 213 pairs at 39 sites in **Clyde** including 66 pairs in 5.5km^2 of Fyn Loch & 12 pairs West Ferry-Erskine. Other site totals were 22mm Rannoch Moor **P&K** and 9-10 pairs at Coldstream Mains **B**, Bogside **Ayr** & Newmains **B**. On the isles 2 pairs & c/4 on North Rona **OHeb** was the first confirmed breeding there while in **Arg** there were 8 pairs on Sanda, 4 pairs Lunga & 1 pair on Fladda, Treshnish Isles. First fledged seen Shet 11 June.

Autumn/Winter: Autumn numbers were fairly low with best counts of 380 Fair Is, 350 Loch Gruinart & 300 Quendale **Shet** in September with the only large October counts being 370E Cullaloe **F** on 13 October. The late December snows however produced a distinct movement with 1,100S Inverugie **NE** & 300 Peterhead **NE** 27 December; 200S Collieston **NE** 29 December; 300 Balranald, North Uist **OH**, 300 Thornhill **Forth**, 241 Loch Gruinart, 160 Glencaple **D&G**, 120 Aberlady **L** & 5S Virkie **Shet** 30 December. The best area totals elsewhere were Clyde 120, Ork 77, Bord 56, Clyde Is 50 & A&D 42.

Horned Lark (Shore Lark) *Eremophila alpestris*

Spring: 1 Eilean Mor, Flannan Is., Lewis **OH** 24 May; 1 North Ronaldsay **Ork** 23 May.

Breeding: **High** a male was seen at a site in May & June, later a female was seen there in August.

Autumn/Winter: 1 Drumcarrow Craig **F** on 19 October; 1 **Fair Is** 26 October with another there on 13 November; 1 North Ronaldsay 5 December.

Sand Martin *Riparia riparia*

Spring: The first bird on the Tweed at Tweedbank **B** 4 March was exceptionally early, a full week ahead of the next early birds, 2 at Kirkmichael **Ayr** 12 March, 1 Park **NE** 13 March and a flock of 15 at Brechin **A&D** 15 March. There were few further arrivals until a wave of birds on 24-30 March which included the first birds in P&K, D&G, Forth and Loth and further birds in D&G, Ayr & Bord.

Major move into the south with 30 Martnaham Loch **Ayr** 30 March, 280 Kingholm Quay **D&G**, 200 Monikie **A&D**, 150 Baron's Haugh **Clyde**, 122 Tweedbank, 60 Musselburgh **L** & 30 Earnmouth **P&K** on 2-3 April & 200 Lake of Menteith **Forth** on 7 April. While birds were widespread across the south, there was no move into the north until 21-28 April when the first birds appeared in Fair Is, Is of May, OHeb, Ork & Shet and 'hundreds' were seen at Park and a further 280 were at Kingholm Quay & 260 Shewalton **Ayr**. Most of the N&W Isles birds arrived in the 3-week period 25 April-15 May. There were 2,000 Strathclyde Loch **Clyde** on 13 May.

Area	Colonies	Burrows
Ork	2	3
M&N	12	245
NE	2	408
A&D	2	151
P&K	4	1444
Fife	6	243
Forth	4	1297
Loth	5	141
Bord	27	2327
Arg	20	823
Clyde	15	1631
Ayr	14	218
D&G	2	123

Breeding: In **Ork**, where breeding is intermittent, 2 pairs were at Bay of Skail and a successful nest in Scapa Bay. The largest colonies were 1,300 burrows River Tay at South Orchil **P&K**, 816 Eckford Sandpit **B**, 645 River Tweed at Horseburgh **B**, 622 Cowiehall, 565 Drymen Sand Quarry, 547 Garvald Quarry & 530 Cambusmore in **Forth**. In **NE** 300 nested on a sand-face specifically managed for Sand Martin, while an artificial nest bank at Perth **P&K** held 24 nests. Breeding was suspected in the sand dunes on Tiree, **Arg** where there are no previous confirmed records. There was little information on breeding success due to a lack of access. A late nest at Park fledged young on 5 September.

Autumn: Post-breeding flocks suggest some success for the first broods with 750 Carsebreck **P&K** 3 June rising to 1,350 on 23 June as the broods fledged. 700 Loch Gelly **F** 12 July; and 'hundreds' south over the Mull of Galloway **D&G** on 16 July were possibly the first young moving south. Good pre-migration assemblies, perhaps with second broods, include 600 Bothwell Park **Clyde** in late July, 400 Gaddon Loch **F** & 200 Forfar Loch **A&D** in early August; 700 Castle Loch, Lochmaben **D&G** & 250 Loch Gelly in late August. Most birds had left by early September with the latest birds in A&D, Forth and Bord on 9-10 September and P&K & Ork on 15-22 September. 250 departed southwards over the Mull of Galloway on 21 September. The end of September saw the last regular birds in Fife and NE, then D&G, Clyde, Shet & Loth 3-8 October. Exceptionally late birds were 4 Ballochruin **Clyde** & 1 Skateraw **L** 17 October with 1 St.Andrews **F** on 25 October.

*** Red-rumped Swallow** *Hirundo daurica*

1 **Is of May** 18th May. It was part of small influx of 9 birds that arrived in Britain between 10-25 May, all further south in England & Wales. *The second record for the island.*

Barn Swallow (Swallow) *Hirundo rustica*

Spring: The first single Danderhall **L** on 11 March was well ahead of the next in D&G on 29 March. The vanguard followed on 30-31 March in P&K, Bord, Ayr, Loth & Clyde Is and on 1-7 April in NE, Clyde, Shet, Arg, NE, Ork & Forth 4-7 April. Further north another week would pass with first OHeb, A&D, M&N, Is of May, High & Fair Is 14-21 April. The main arrival in Arg & Forth was 16-26 April. The large parties followed with 400 Kilconquhar Loch **F** & Loch Gelly **F** during 20-30 April; 200 Park **NE** 25 April; main arrival Ork 25 April. The main arrival in arrival OHeb was in mid-May. Northwards passage produced maximum counts of 20 Haroldswick **Shet** & 100 **Fair Is** 21-23 May with passage N.Isles into mid-June.

Breeding: Several recording areas had small-scale studies on breeding success- **Shet** 13 pairs attempted to breed, 8 were successful & 3 were double-brooded; **M&N** 4-5 pairs Llanbryde had MBS 4.8 for the first broods & 4.5 for the second; **Clyde Is** 6br26 noted on Arran, MBS 4.3; **Ayr** 19 pairs Auchincruive reared 120 young, MBS 6.3, & 11 pairs Adamton Mains reared 48 young, MBS 5.68, second broods were badly effected by poor weather in August-September; **D&G** 15 pairs Upper Minnoch were down from 21 pairs in 2000. Sites with large counts of nests include: 15 pairs Longannet Power Station **F** &12 pairs Loch Gruinart, Islay **Arg**. First fledged Bord 13 June. Second broods: Bord & Fife 5 August.

Autumn: 1,000 Machrihanish **Arg** in mid-July, 2-3 weeks before flocks elsewhere suggests poor success locally. The first, and largest, wave of large flocks, possibly failed breeders and first broods assembling, include 6,000 Rhynd **P&K**, 5,000 Loch Leven **P&K**, 3,000 St.Margaret's Marsh **F**, 2,000 Loch Watten **Caith**, 800 Graemeshall **Ork**, 500 Morton Loch **F** & 400 Goosepools **F** 11-17 August.

In late August and early September only 3,000 Castle Loch, Lochmaben **D&G**, 700 Lanrick **Forth**, 570 Kilmalid **Clyde**, 500 Graemeshall & 440 Machrihanish were evident after the clear-out. Only small parties were seen in the remainder of the month, 300 St.Margaret's March, 250 Stenton **L** & 160 Castle Loch, being the exceptions.700 Cocklemill March **F** on 4 October was the last 3-figure count of the year. Most in the north had left by mid-late September and only a few were seen further south into October. As in recent years there were several very late birds with the last Bord, P&K & OHeb 20-28 October; A&D, D&G, Ork & Ayr 3-5 November; M&N, NE & Loth 12-21 November. However 3 at Tayport **F** on 13 December & 1 Dalgety Bay **F** 16 December were truly exceptional.

House Martin *Delichon urbicum*

Spring: There was a westerly bias to the earliest birds with the first 8 at Innis Conain, Loch Awe **Arg** on 1 April and 1 Port na Lochan, Arran **Clyde Is** on 2 April followed by the first birds in Ayr, Forth & Clyde on 3-6 April. Arrivals in mid month in Fife, D&G, P&K, Bord & Loth 12-18 April and NE, M&N, A&D, High, Fair Is & Shet 24-30 April were more typical. Ork & OHeb were not reached until 13-14 May, by which time the main arrival had taken place elsewhere. The best counts: 31 Kirk Dam, Bute **Clyde Is** 18 April; 30 Tweedbank **B** 29 April; 170 Kilconquhar Loch **F** & 130 Loch Gelly **F** on 14 May; 29 North Ronaldsay **Ork** 19 May. 1-3 reached St.Kilda **OH** on 10 dates in May & June.

Breeding: Large colonies included 40 nests Longannet Power Station **F** (20 in 2000), 30 Buckie High School **M&N**, 30 Turret Dam **P&K**, 26 Carron Valley Dam **Clyde**, 22 Traquair House **B** & 21 Auchencastle Hotel, Beattock **D&G**. 101cliff nests Cove-Dunglass **B**, 84-112 at 27 sites Arbroath-Ethie Mains **A&D**, 29 at Collieston, Pennan & Inverbervie **NE** & 2 Portknockie **M&N**. The best regional totals were Bord 347 nests at 17 site, A&D with 112 at 31 sites and Clyde with 76 at 10 sites. First fledged Bord 26 June with a brood still in nest Arg on 13 September.

Autumn: Numbers were generally poor. The first large parties moved south in early-mid August with 120 Kingholm Quay **D&G**, 100 Acharn **P&K**, 100 Kildonan, Arran **Clyde Is**, 100 Ethie Mains & 80 St.Abbs Head **B** on 4-18 August. Another wave departed 23-24 August with 120 Kingholm Quay, 90 Linn Park **Clyde**, 80 Largs **Ayr** & 76 Kinloss **M&N**. The largest parties were seen on 1-5 September with 240 Cruden Bay **NE**, 200 Kirkbank **B**, 180 Haswellsykes **B** & 90 Loch of Kinnordy **A&D**. The total lack of significant counts after that hints at poor success and few attempts at late broods.

The last birds in OHeb, Fair Is, Bord & Ayr were on 10-14 October; Shet, Ork, M&N, Loth & NE 22-30 October; and A&D & P&K 4-7 November. A very late bird was at Braefoot **F** on 14 December.

Richard's Pipit *Anthus novaeseelandiae*

Autumn: *There was an unusually tight and geographically discrete arrival 19 September-9 October, with no fewer that 32 birds, all on the northern isles.* The observatories led the list with 12 birds were seen daily on **Fair Isle** 19 September-12 October with 2-4 there on several days, with 6 on 25-26 September. While 7 were seen daily on North Ronaldsay **Ork** 23 September-4 October with 2 there 3 October. Resident birders on Out Skerries **Shet** also participated in the fall with 1 on 20 September, 2 there the next day, 3 on 22 September with a new bird on 24 September. Elsewhere there were 1 Virkie **Shet** 22 September; 2 Foula **Shet** 23-27 September; 1 West Sandwick, Yell **Shet** 1 October; 3 Foula & 1 Netherstove **Ork** 3 October and 1 Ireland **Shet** 9 October.

Blyth's Pipit *Anthus godlewskii*

[1988] 1 **Fair Is** 13-23 October. *This becomes the second record for Britain and first for Scotland.*

Olive-backed Pipit *Anthus hodgsoni*

Spring: 1 **Fair Is** 6 May.

Autumn: 1 Foula **Shet** on 18 & 21 September; 1 Fair Is 20 September; 4 North Ronaldsay **Ork** on 28 September-3 October with 2 there 28 September and singles on 29 & 30 September & 3 October; 1 Fair Is and 1 Symbister **Shet** 8 October; 1 Thorntonloch **L** 15 October; 1 Fair Is on 17-24 October; 1 Kergord **Shet** 25-27 October; 1 Fair Is 26-27 October.

1 in spring & 12 in autumn. Second record for Lothian and just the fourth for the mainland.

[2000] 1 Williamsetter **Shet** 10 November. *This was the 13th bird for 2000.*

Tree Pipit *Anthus trivialis*

Spring: First singles Barry Buddon **A&D** & **Is of May** 1 April were much earlier than the next birds in Clyde, D&G, Loth, Forth, Bord & Ayr 13-20 April & P&K, Arg, High, Fife & Fair Is 24-28 April. The first in the N.Isles were in mid-May with OHeb, Shet & Ork 12-16 May. Mostly singles were recorded except for the peaks of 14 **Fair Is** 29 April, 8 Craig Leek **NE** 12 May and 2 Is of May 16 May.

Breeding: Just a few reports in the N & E with only 2-5 records each from M&N, NE, A&D & Loth but. More reports came from theS & W with **Fife** 4mm Bathmoor, 3mm Tentsmuir & 6mm at 4 other sites; **Bord** 21mm at 11 sites with 5 Whithaugh Park; **Arg** 11 pairs Taynish with 1m Ballinmony, Islay - well outside the usual range; **Clyde** 83mm at 24 sites, mostly Loch Lomondside, with 17 pairs Glen Douglas & 11 pairs Loch Sloy; **Ayr** 17mm at 11 sites with 3mm Laggansarroch Bridge; **D&G** 9 sites with 14mm Mabie Forest. 1m Ballinmony, Islay **Arg** was well outside the usual range;

Autumn: The first autumn passage birds were seen at A&D & Is of May 9-14 August and Fair Is, Shet & Fife on 17-20 August. There were two waves of passage when there were more than just single birds with 20 Is of May, 7 Fair Is & 3 St.Abbs Head **B** 19-23 August, then a month later with 6 Fair Is, 5 Out Skerries **Shet**, 5 Is of May & 4 Foula **Shet** 22-26 September. The last regular birds were seen in P&K, Clyde, Ayr & Ork on 18-25 August; Fife & A&D 6 September; Loth, Bord & Is of May 20-28 September; Arg, OHeb, Fair Is & Shet 2-9 October with the latest single in Hogganfield Park **Clyde** on 28 October.

A poor autumn passage with few away from Fair Is & Is of May and very few on the mainland east coast, just 4 birds Bord & Fife, 3 Loth, 2 A&D & Ork & none M&N, A&D & NE.

Pechora Pipit *Anthus gustavi*

1 Ham, Foula **Shet** 19-21 September; 1 **Fair Is** 4 October, possibly the same there 8 October.

The 13th record for Shetland.

Meadow Pipit *Anthus pratensis*

Winter/Spring: A few hung on in areas where they are normally absent in winter: 20 were seen in Shet and there were small numbers of birds well inland at Perth **P&K**, Garvald **Clyde**, Glen Fruin **Clyde** and at 5 sites in the Borders hills **B** in January with 174 Glen Finglas **Forth** in February.

800 moved over St.Fergus **NE** in heavy snows on 4 March, otherwise the main passage started at the end of the month with 357W (1hr) Aberlady **L** , 100 Tarfessock **Ayr** & 50 Greenan **Ayr** 27-29 March; 400 **Is of May** & 117 Musselburgh **L** 1-2 April; 230N Goosepools **F**, 210-215 **Fair Is** on 2 days, 120 Braco **P&K**, 100 Whigstreet **A&D** and 78 Auchenharvie **Ayr** on 4-9 April; 72 Graemeshall **Ork** and 70 Tullochgorm **Arg** 12-13 April; 120 Aberlady 23 April; 200+ St.Kilda **OH** 5 May.

Breeding: Some good local counts include 121 pairs Hermaness **Shet**, 87mm in 5.5km^2 of Fyn Loch **Clyde**, 69 pairs Mersehead **Clyde**, 34 pairs Sanda **Arg**, 32 pairs Vane Farm **P&K**, 22mm Rankle Burn **B**, 21 pairs Aberlady **L**. In addition a total of 221mm were counted at 23 sites in **Clyde**, 130 birds were counted in upper Glen Prosen **A&D**, 3 pairs bred Arthur's Seat, Edinburgh **L**, a pair was on North Rona **OH** and birds bred on 3 of the Flannan Isles **OH**. First fledged young seen Shet 3 June; M&N & Ayr 10 June.

Autumn/Winter: Some waves of autumn passage with 500S in 1hr over Loch Leven **P&K**, 380-390 on 2 days Fair Is; 250S Winchburgh **L** & 100 Dalcapon **P&K** 28 August-6 September; 200+ Sanda **Arg**, 165 Mersehead & 150 Trabboch **Ayr** 15-17 September; 1,000 Is of May, 400 Hirta, St.Kilda, 180 Eyemouth **B**, 150 Mull of Galloway **D&G** &125 North Ronaldsay **Ork** 21-26 September; 1,400SW Elie Ness **F**, 500SW Kincraig Head **F**, 300SW/hr Coble Shore **F**, 126 North Ronaldsay & 110 Is of May 4-10 October; 54 Kinnaber **A&D** 13 October. There were no significant counts thereafter until December when flocks are less typical with 101 Culbin Bars **M&N**, 80 Pittenweem **F**, 20 Hundleshope **B** & 20 Winchburgh with 2 records on Shet.

Red-throated Pipit *Anthus rubescens*

Spring: 1 Hirta, St.Kilda **OH** 17 May; 1 singing m **Fair Is** 16-18 June.

Rock Pipit *Anthus petrosus*

Winter/Spring: 81 Gullane-English border **L/B**, 25 Harrow **Caith**, 22 Culbin Bar **M&N**, 18 Tayinloan **Arg**, 22 Culbin Bar **M&N** & 12 Mersehead **D&G** during January-February with 61 Deerness **Ork**, 45 Point of Ayre **Ork**, 40 Claughlands, Arran **Clyde Is** & 12 Cocklemill Burn **F** in March-April.
Breeding: Counts of breeding pairs include: 32 Noss & 28 Hermaness **Shet**; 18 North Ronaldsay & 15 Auskerry **Ork**; 32 Monach Isles, 24 North Rona, 10 Village Bay, Hirta, St.Kilda & 8 Eilean Mor, Flannan Isles **OHeb**; 4 Kincraig Head **F**; 11 St.Abbs Head & 10 Eyemouth **B**; 39 Sanda & 14 Lunga, Treshnish Is. **Arg**; 8 Renfrewshire & 1 Dunbartonshire **Clyde**; 3-4 Heads of Ayr **Ayr**. There was been a dramatic decline on **Is of May** from *c*.25 pairs to just 6 pairs, however success was good with several double-broods and a late brood in August while 67 were counted along 800m of shore at Carskeiy, Kintyre Arg in July suggesting good local breeding success. First fledged Ork 3 June; Shet 6 June; M&N 16 June; Loth 17 June.
Autumn/Winter: 110 **Fair Is**, 70 Machrihanish **Arg**, 50 Whitefarland, Arran **Clyde Is**, 44 Portgordon **M&N**, 40 Harrow **F**, 25 Elie shore **F**, 23 North Ronaldsay, 14 Westhaven **A&D** & 12 Lady Is. **Ayr** in October-December. 10 Meikle Loch **NE** 10 November were unusual in being away from the coast.

Scandinavian Rock Pipit *Anthus p. littoralis*

Spring: The usual few records, which are probably just a pinprick in the probable size of the numbers wintering in Scotland. 1 North Ronaldsay **Ork** 8 March; 1 Cairnbulg **NE** 25 March; 2 Fife Ness **F** on 1 April; 1 **Fair Is** 6 April; 4 Cocklemill Marsh **F** & 1 Fife Ness 8 April; 1 Fair Is 13 April; 1 North Ronaldsay 22 April; 1 Burrafirth **Shet** 26 April.
Breeding: **Shet** 1 paired with a *petrosus* bird at The Neap, Hermaness 14 May to mid-June. 1 Wick of Gruting Shet 29 May is also very late for a migrant and may have been summering.
Mixed pairs have been reported in the past on Fair Isle but remains a very rare event.

Water Pipit *Anthus spinoletta*

1 Cocklemill Burn **F** 14 January-26 March was the 2000 bird returning. *4th record for Fife.*

Yellow Wagtail *Motacilla flava*

British Yellow Wagtail *M. f. flavissima (includes all birds not identified to race)*

Spring: First singles Musselburgh **L** & Pathhead **L** 8 April. Then D&G and Is of May 25-29 April; NE & High 3-4 May; Bord, Shet, Ayr & Ork 7-14 May. Passage was mainly in early to mid-May with 15 Loth, 5 Fife, 3 NE, 2 Bord & Ork with singles D&G, High, Is of May & Ayr. All records were of singles except 1-2 **Fair Is** 3-6 May, 2 Machrihanish **Arg** 23 May & 2 Fair Is 29 May.
Breeding: **Fife** an apparent trio, a pair of *flavissima* & male *flava*-type, were seen carrying food at St.Monans in June, fledged young seen 17 June was it was impossible to tell if they were hybrids or pure *flavissima*; **Loth** pair bred Barns Ness, 1 Musselburgh on 27 July with 2 juveniles there on 23 August which may have been locally bred; **Bord** almost no reports from the main Scottish range along the Tweed and Teviot - 3mm Tweed at Lees in May with br2 in July & br3 in August, only a single male along Tweed at Sprouston in July.
Autumn: July records from Fair Is & Machrihanish. Last on territory Fife 11 July, Loth 29 August and Bord 8 September. First passage birds A&D 23 August; NE & Shet 1-2 September. Mainly September passage with 4 Shet & NE, 3 Fair Is & Bord & 2 Ork but none Fife. Mostly singles but 2 at Collieston **NE** 1 September; 2 St.Abbs Head **B** 28 September. Last birds Loth 29 August; Shet 27 September; Ork & 4-7 October with the latest single bird at Uisaed Point, Kintyre **Arg** on the 13 October.

Yellow Wagtail, Kelso, Borders

Blue-headed Wagtail *M. f. flava*
Spring: Singles **Fair Is** 1 May; Rigifa **NE** 3 May; Mersehead **D&G** 4 May; Haroldswick **Shet** 7-8 May; Machrihanish **Arg** 30 May; Ceann Iar, Monach Isles **OH** 12 June.
Autumn: 1m Balnakeil Bay **H** 1 October.

Grey-headed Wagtail *M. f. thunbergi*
Spring: 1 Ardivachar Point South Uist **OH** 13 May; 1 Grogarry, South Uist **OH** 17 May; 1 Haroldswick **Shet** 17 June.
Autumn: 1 Grogarry 6 October & 1 **Fair Is** 21 October.

Grey-coloured Eastern races
1 Quendale **Shet** 20-23 September; 1 Girdleness **NE** 29 September; 1 **Fair Is** 15-16 October.

Citrine Wagtail *Motacilla citreola*
Spring: 1st-s m Musselburgh **L** 22-24 June was the fifth record for Lothian.
Autumn/Winter: All juvenile/1st-w birds at Quendale **Shet** on 2-17 September; Bakkasetter/Spiggie **Shet** on 9-20 September with another 12-21 September. *These were the 24-25th for Shetland.*

Grey Wagtail *Motacilla cinerea*
Winter/Spring: 9 P&K, 8 Bord & 7 Forth January records suggests more than usual wintering inland. Several reports from Clyde of birds wintering in urban areas were a new phenomenon. First **Fair Is** on 29 March with maximum 3 on 9 April; first Shet 29 March with 11 recorded there April to June.
Breeding: A scarce breeder in the N&W Isles, the br1 at Willowglen Burn, Stornoway, Lewis **OH** was interesting as was a bird in Harris **OH** in May and while there were no confirmed pairs or breeding on **Ork** there were 2 adults in spring & juvenile at Hestival in August. Other reports from islands had breeding reports from 13 sites on Arran **Clyde Is**, 3 sites on Mull **Arg**, 2 sites Islay **Arg** & 1 site Bute **Clyde Is**. The best reported areas were Bord and Clyde, both with 41 pairs reported, Lothian with records from 36 sites, and Ayr & Fife with 19 & 18 sites respectively. Good sites included 4 broods fledged at Stoneywood **NE** , 3 pairs Rankle Burn **B** and 13 birds in 3 families Montrgrew **M&N**. First fledged Bord 6 May; Arg 14 May; Clyde Is 1 June; M&N 21 June; Caith 5 July.
Autumn/Winter: Wandering family parties were seen with 6 Musselburgh **L** 22 July & 13 Folly Loch **B** on 8 August. The first passage bird was on Isle of May 17 August, the first Fair Is 21 August. Passage was well underway with 30 caught Cults Reservoir **NE** & 11S Levenmouth Pools **P&K** on 25 August; 17 along 2 miles of Tweed at Melrose **B** 5 September; 5S in 3hrs at Kinghorn **F** 9 September. 1 reached Hirta, St.Kilda **OH** on 19 September but the first on Shet was only on 23 September. 1 at Fair Is 19 October was thought to be of eastern European origin. 8 Machrihanish **Arg** 29 October & 7 roosted Guardbridge **F** 13 November. 5 inland records from both Forth & Bord in December.

Pied Wagtail *Motacilla alba*
Pied Wagtail *M.a.yarrellii*
Winter/Spring: There were records of 1-2 birds from 9 site Forth, 6 Bord, 4 sites P&K and 3 sites Ork. The first returned Shet 10 March and Fair Is 16 March. In areas where wintering more normal there were 130 Millichen Flood **Clyde**, 40 Dalscone **D&G**, 35 Arbroath **A&D**, 15 Kingholm Quay **D&G** & 12 Tayinloan **Arg** in January-February. Returning flocks and roosts saw 40 Flex **B**, 34 Woodhouse **B** & 30 Troon **Ayr** in March and 240 Kilconquhar Loch **F**, 200 Melrose **B**, 120 Kilmarnock **Ayr**, 68 Graemeshall Loch **Ork** & 23 Loch of Strathbeg **NE** in April. 5 singles reached St.Kilda **OH** in April-May and the best passage count on Fair Is was 16 on 3 May.
Breeding: On the islands where numbers are scarce, the reports were as follows; **Shet** 8 pairs, 3 on Unst & 5 on Mainland, where both adults were seen, both were *yarrellii*); **Fair Is** 3 pairs with 2br8 seen; **Ork** 7 pairs North Ronaldsay & 6 pairs Papa Westray; **OHeb** 4 pairs Monach Isles, single broods Bornish, South Uist & Carshider, Lewis; **Is of May** 3 pairs, 2 successful; **Arg** 5 pairs Sanda & 1pr Sheep Is.; & **Clyde Is** broods at 5 sites on Arran. Reports ran at high levels with 38 pairs at 30 sites Clyde & in Bord with 34 sites. The best site totals were 12 pairs Mersehead & 5 pairs Megget Reservoir. In **Fife** 8 pairs reared 15 young at Longannet Power Station. First fledged young seen OHeb 26 May; Ayr 30 May; Fife, Clyde Is & Bord 2-6 Jun; Ork 9 June.

Autumn/Winter: The first large post-breeding flocks were 65 Musselburgh **L** & 61 Slains **NE** in August. As in most years the main passage falls just after the equinox with flocks and roost of 150 Deeside Golf Course **NE**, 150 Livingston **L**, 144 Redcastle **A&D**, 140 Elderslie **Clyde**, 120 Valleyfield Lagoons **F**, 110 Lees Haugh **B**, 100+ Kirkcaldy **F**, 100+ Kenneth Bank **D&G**, 100 Newtown St.Boswells **B** and parties of 50-99 at Balemartine, Tiree **Arg**, Enochdhu **P&K** & Kilmory, Arran **Clyde Is** with 45 North Ronaldsay, 40 No.1 Barrier **Ork** & 30 Bayhead, North Uist **OH** on the N&W Isles during September. 21 flew SW in 1hr Elie Ness **F** 6 October while a minimum of 300 roosted in the West Machrihanish **Arg** reedbed. 280 roosted Paisley **Clyde** 8 October. Last through Shet 21 October. Large late counts of 100 Loch Spynie **M&N** 26 October & 84 Machrihanish **Arg** on 6 November. There were 23 Tayinloan & 12 wintered Newmains **B** and there were 5-6 birds Ork, 2 P&K & 1 OHeb during December. 200+ birds roosted Buchanan Street Station, Glasgow **Clyde** on 29 December.

White Wagtail *M.a.alba*

Spring: First singles Newmains **B** & Mersehead **D&G** on 13 March were well ahead of the next in Loth, Shet & Fair Is 29-31 March and Fife, A&D, Clyde, Ayr & Ork on 2-8 April with OHeb, M&N, Arg, High & Clyde Is even later on 12-25 April.

The best counts were 22 Auchenharvie **Ayr** on 4 April; 32 Turnberry **Ayr** & 20 Doonfoot **Ayr** 17-20 April; 20 Loch Gruinart, Islay **Arg**, 18 Kildonan, Arran **Clyde Is** & 12 Aberlady **L** on 24-29 April; 55 Mersehead, 45 Barassie **Ayr**, 40 Dell Sands, Lewis **OH**, 20 Loch Sandary, North Uist **OH**, 17 Oronsay **Arg** & maximum 10 **Fair Is** 1-3 May; 30+ St.Kilda **OH** 8 May. Regional passage totals include: 247 Ayr, 198+ OHeb, 87 Arg, 62 D&G, 35 Loth, 29 Clyde, 23 Clyde Is, 16+ Ork, 12 Bord, 13 Caith, 10+ Shet, 4 Fife, 3 A&D & M&N.

Breeding: In **Shet** an *alba* fed a fledged juvenile at Catfirth on 14 July, the other adult was not seen, the mate was seen in **Fife** where a juvenile in Glenrothes was fed by adult *alba* apparently mated to a Pied. 1 Linn of Quoich **NE** in June.

Autumn: First migrants through Arg, Shet & Loth on 10-19 August; OHeb 23 August; M&N, D&G & Ayr on 2-8 September, Fife, Ork & Clyde Is 16-20 September. There were up to 80 daily on Fair Is 18-22 August with 50 daily 23-29 August. 40 Dunrossness **Shet** & 12 Noss **Shet** 19-20 August; 60 Spiggie **Shet** & 30 **Is of May** 24-27 Aug. A total of 100 birds were seen on Sanda **Arg** in September with, 50 on 11 September while 10+ were seen daily St.Kilda in early September. 3 Mersehead 13 September; 8 North Ronaldsay **Ork** 16 September.

A mixed roost at Strathclyde Park **Clyde** had 4 *alba* (2.5%) on 16 August, 15 (30%) 31 August, 30 (30%) on 22 September to a peak of 80 (47%) on 5 October.

Regional passage totals include: 150+ Clyde, 131 Arg, 126+ Shet, 99+ OHeb, 14+ Ork, 10 Ayr, 5 Loth, 4 D&G & Caith, 3 Fife, 2 M&N & Clyde Is, just 1 NE & none A&D & Bord.

Last birds Loth & Fair Is 2-7 September; Ayr, M&N & D&G 16-30 September; Clyde, Clyde Is, OHeb, Caith, Ork & Fife 3-16 October, Shet 26 October; 1 Trudernish, Islay **Arg** 4 November.

Waxwing, Penicuik, Lothian

Bohemian Waxwing (Waxwing) *Bombycilla garrulus*

Area	J	F	M	A	M	S	O	N	D
N Isles	48	30	2	9	11	0	46	5	0
OHeb	2	4	0	0	0	0	2	0	0
N Scot	0	0	2	0	0	0	7	2	2
NE Scot	460	505	534	274	10	0	4	6	109
E/C Scot	468	393	399	104	0	0	2	7	17
SE Scot	263	356	300	310	60	0	3	50	159
W Scot	1517	1721	1543	1111	15	0	0	3	13
SW Scot	332	337	205	72	35	0	0	1	0
2001	**3617**	**3346**	**2985**	**1870**	**141**	**0**	**64**	**75**	**300**
2000	265	336	120	152	2	1	7	155	627
1999	22	16	16	0	0	1	19	443	657
1998	12	33	39	1	0	0	7	22	4
1997	1682	966	588	224	22	0	0	14	24
1996	5221	5227	4073	1025	75	0	4	1552	2942

Winter/Spring: Following the arrival in December 2000 there followed the best winter since 1996-97 with peak counts of 153 Falkirk **Forth**, 150 Burnside **Clyde**, 130 Glasgow **Clyde**, 130 Heathall **D&G**, 115 Dumfries **D&G**, 100 Edinburgh **L**, 78 Stirling **Forth**, 57 Inverurie **NE**, 51 Dundee **A&D** & 46 Perth **P&K** in January; 200 Glasgow, 150 Edinburgh, 114 Prestwick **Ayr**, 100 Airdrie **Clyde**, 100 Giffnock **Clyde**, 60 Port Elphinstone **NE**, 52 Lossiemouth **M&N** & 35-49 birds Kirriemuir **A&D**, Newstead **B**, Drumduan **M&N** & Broughty Ferry **A&D** in February; 120 Cults **NE**, 110 Milngavie **Clyde**, 100 Strathclyde Park **Clyde**, 100 Elgin **M&N**, 92 Dunfermline **F**, 50 Blairgowrie **P&K** & 35-49 birds Inverkeithing **F**, Forres **M&N** & Kirkcaldy **F** in March; 199 Bridge of Don **NE**, 162 Glasgow, 92 Livingston **L** & 30 Pitcorthie **F** in April.
The last birds Ork & Clyde Is 7-10 March; P&K, A&D, M&N, Ayr & Fife 22-29 April; Loth, Fair Is, Clyde & Shet 2-6 May; NE 10 May. The last large parties were 35 Dumfries 1 May, with 60 Edinburgh 6 May. 1 injured bird Edinburgh 23 June.
Autumn/Winter: First Tresta **Shet** & Balla Eriskay **OH** 15 October & Uigen, Lewis **OH** 19 October, then Fair Is, High, Fife, Is of May, Loth & Ork 21-23 October; M&N & NE 27-29 October; Arg, Caith & Bord 7-11 November; Clyde 29 November. Best parties - 7 Stromness **Ork** and 6 Lerwick **Shet** 23-24 October; 6 Fife Ness **F** 2 November; 22 Edinburgh 21 November. In December there were 77 at 3 sites in Edinburgh, 35 Bridge of Don, 33 Westhill **NE**, 30 Dyce **NE** & 20 Eyemouth **B**.
A return to a more normal winter with most of the records from Glasgow, Edinburgh & Aberdeen.
See Murray (2001) in Birding Scotland 4:91-92 for an account of the invasion.

White-throated Dipper (Dipper) *Cinclus cinclus*
Winter/Spring: 50 along 24kms of Tweed from Tweedhopefoot to Merlindale **B**, 16 Loch Earn **P&K** & 15 River Devon **Forth** in January. 1 fed on the frozen River Dee at Braemar **NE** in February.
Breeding: Few reports of note but bred Willowglen, Lewis **OH** with 3 pairs along Amhuinnsuidhe River, Harris **OH** & 6 sites South Uist **OH** & bred at 4 sites Mull **Arg** & seen 5 sites Islay **Arg**. Regional totals include: 65 sites Bord, 26 pairs at 20 site Clyde, 17 pairs Ayr, 14 sites Fife (but few confirmed breeding reports) and 11 sites Arran Clyde Is. Otherwise 2-7 sites M&N, NE, P&K and Loth. 16br60 were ringed in western Peeblesshire **B**, MBS 3.75.
First fledged Bord 5 April; Clyde Is 5 May; Arg 10 May. Second broods Bord from 24 May.
Autumn/Winter: 30 were along *c*.28kms of River Spey from Ballindalloch to Tugnet **M&N** in October; 1 at altitude at Loch Vrotachen **NE** in October; 20 were seen along 5kms of the River Devon, 12 Loch Earn & 1 well inland at Glen Prosen **A&D** in December.

Black-bellied Dipper *C.c.cinclus*
1 Fetlar **Shet** 5-7 October; 1 **Fair Is** 29 October with another there 13 November.

Winter Wren (Wren) *Troglodytes troglodytes*
Winter/Spring: 1 Copinsay **Ork** in January was outside the usual range. Best winter counts were 23 Culbin Bars **M&N**, 18 Shiresmill Marsh **F** & 13 Lochwinnoch **Clyde** in January. 2-5 passage migrants were seen **Is of May** in March & April but none after 18 May.

Breeding: The hard winter weather was blamed for some declines with just 8 pairs Vane Farm **P&K**, a savage decline from 28 pairs in 2000, and 56 pairs Taynish **Arg**, down from 76 in 2000, possibly due to hard winter, due to the hard winter. Declines were also seen at Ladyurd B falling from 43 in 2000 to 29mm. There was also no attempted at breeding on **Is of May** for the second year running. On the other hand the 35 pairs Roslin Glen **L** was well above the mean of 29 pairs there. The poor season was also seen in Fife CES returns with few adults and therefore few young later in year. Best regional totals were 237 pairs at 22 sites in Bord & 216 pairs at 39 sites in **Clyde**. The best site counts were 54mm Mabie Forest **D&G**, 43 pairs Blackhouse **B**, 38 pairs Lochwinnoch Clyde, 30 pairs Ettrick Marshes **B** & 28 pairs Chisholme House **B**. On the Treshnish Isles there were 12mm Lunga and singles Fladda and Cairn na Burgh More, as well as 25 pairs on Sanda. First fledged A&D 13 June; Bord 15 June; Clyde Is 19 June.

Autumn/Winter: Probable migrants include: 1 Is of May 31 July & 26 August; 15 Is of May 26 September; 21 St.Abbs **B** 10 October; 15 Is of May 14-16 October; 10 Kincraig Head **F** 21 October; & 4 Auchmithie **A&D** 25 October. 4 Lady Is. **Ayr** & 1 Copinsay in December were unusual.

Shetland Wren *T.t.zetlandicus*

41 pairs Hermaness **Shet** with first fledged there 29 June.

Fair Isle Wren *T.t.fridariensis*

Stable 28 pairs **Fair Is** (26-30 in last 4 years)

Hebridean Wren *T.t.hebridensis*

15 pairs Langass/Ben Langass, North Uist **OH**; 11 pairs Burrival-Loch an Tomains, North Uist **OH**; 1-3 pairs at 1 site Lewis, 2 sites North Uist & 1 site Barra.

St.Kilda Wren *T.t.hirtensis*

25 pairs Village Bay, Hirta **OH**.

Continental Wren *T.t.troglodytes*

Singles **Fair Is** 4,20 & 22 October. Presumed migrants Out Skerries **Shet** included 1 on 17 May, up to 3 from 17-27 September, 3 on 4 October & 5 on 19 October.

Hedge Accentor (Dunnock) *Prunella modularis*

Winter/Spring: 8 Shet & 1 Fair Is birds in January where uncommon. Mainland counts include 18 Mersehead **D&G**, 11 Cockpool **D&G** & 11 Tweedbank **B** in January. First migrants Fair Is & Shet 6-12 March with best counts of 6 North Ronaldsay **Ork** 30 March; 11 **Fair Is** & 6 Out Skerries **Shet** 6 April.

Breeding: in N&W Isles where uncommon there were 11mm noted at 10 sites Mainland Ork and 2 pairs Lewis, 9 pairs at 3 sites North Uist & 3 pairs at 2 sites South Uist. On the mainland there were 106 pairs reported from 30 sites in Clyde. The best site counts were 18 pairs Aberlady **L**, 13mm Millerston **Clyde**, 12mm Cardowan Moss **Clyde**, 10 pairs Mersehead **D&G** and 8 pairs at St.Abbs Head **B** & Vane Farm **P&K**.

First fledged Bord 21 April was rather early; Arg 18 June.

Autumn/Winter: First migrants North Ronaldsay & Is of May 19-20 September; Fair Is 24 September. Best counts on passage - 17 St.Abbs Head 23 September; 25 Is of May, 17 St.Abbs Head, 5 Girdleness **NE** & 2 North Ronaldsay 23-30 September; 10 Forter **A&D** 9 October; 11 Burnmouth **B** 10 October; 15 Is of May, 11 Burnmouth **B** & 10 Forter **A&D** 9-14 October; 18 St.Cyrus **NE**, 8 Fair Is & 4 Out Skerries 19-20 October; 13 Skateraw **L** 28 October. Outside the usual range in December there were singles Craighouse, Jura **Arg** & Balemartine, Tiree **Arg** in October with 2 Lady Is. **Ayr** & Tiree Airport **Arg** but none Shet.

Continental Dunnock *P.m.modularis*

1 Uigen **OH** 19 October; 1 **Fair Is** 6 December. These birds were specifically identified as *P.m.modularis* although it is likely that most, if not all, birds through Shetland in autumn are this race.

European Robin (Robin) *Erithacus rebecula*

Winter/Spring: Large numbers wintered in N.Isles with *c*.30 Shet, 15 Ork & 5 Fair Is in January-February. There were also 100 Tiree **Arg** & 23 Tweedbank **B** counted in January.

There was a distinct fall on 29-30 March with 400, but perhaps as many as 800, **Fair Is**, 122 North Ronaldsay **Ork**, 50 Sumburgh Head **Shet**, 40 Maywick **Shet**, 30 Whalsay **Shet**, 20 Bridge of Don **NE** & 4 St.Kilda **OH**. The only other fall was 15 **Is of May** 26 April.

Breeding: In the N&W Isles where uncommon there were 4-6 pairs Binscarth Wood & 3 pairs Queenamidda Ork and 2 pairs Lewis, 7 pairs at 3 sites North Uist & 3 pairs at 2 sites South Uist **OHeb**. Population changes at mainland sites gave conflicting messages with 25 pairs Roslin Glen **L** (mean 29), 23mm Ladyurd **B** (18 in 2000), 15 pairs Taynish (31 in 2000) & 11 pairs Vane Farm P&K (5 in 2000). Elsewhere there were 195 pairs at 39 sites in Clyde. Best site counts were 26mm Langbank **Clyde**, 24mm Jenny's Brae **B** & 18mm Cardowan Moss **Clyde** & 17mm Whithaugh Park **B**. First fledged young was seen at Brora **H** on the very early date of 21 April; otherwise Bord 9 June; Clyde Is 20 June.

Autumn/Winter: Passage bird - 18 Sanda **Arg** 19 September; 40 Is of May 25 September; 97 Burnmouth **B**, 40 St.Abbs Head **B** & 20 Sumburgh 30 September-1 October. Widespread fall 16-23 October with 130 St.Cyrus **NE**, 100+ Scurdie Ness **A&D**, 100 East & West Seaton **A&D**, 90 Barns Ness-Skateraw **L** , 60 Fair Is, 40 Maywick, 40 Is of May and 36 North Ronaldsay with 50 Whalsay **Shet**, 43 Barns Ness-Skateraw & 30 Unst **Shet** 26-28 October ; 20 Redheugh **B** 9 November.

10 wintered Shet while 8 Copinsay **Ork** in December were unusual.

Thrush Nightingale *Luscinia luscinia*

[1996] 1 Wick **Caith** 22 May.

Siberian Rubythroat *Luscinia calliope*

1st-w m freshly dead on road at Hulma Ness **Shet** 25 October was the second record for Scotland & third record for Britain. The previous record was a 1st-w f Fair Isle on 9 October 1975.

See Coutts (2002) for an account of this record in *Birding Scotland 5: 33-34.*

Siberian Blue Robin *Luscinia cyane*

1st-w m North Ronaldsay **Ork** 2 October.

First record for Scotland and second for Britain, the first was in Norfolk in October 2000.

See Brown (2002) for an account of this record in *Birding Scotland 5: 35-36..*

Bluethroat *Luscinia svecica*

Red-spotted Bluethroat *Luscinia s. svecica*

	1-15 May	16-31 May	1-15 Jun	1-15 Sep	16-30 Sep	1-15 Oct	16-31 Oct	1-15 Nov	Total
Shet	5	2	0	1	5	1	3	0	17
Fair Isle	4	4	1	1	0	1	0	0	11
Ork	1	2	0	0	0	1	0	0	4
OHeb	1	0	0	0	2	0	2	0	5
NE	3	0	0	0	0	0	0	0	3
Is of May	4	1	0	0	1	0	0	0	6
Fife	1	0	0	0	0	0	1	0	2
Loth	1	0	0	0	0	0	0	0	1
2001	**20**	**9**	**1**	**2**	**8**	**3**	**6**	**0**	**49**
2000	12	18	6	7	19	3	0	0	64
1999	3	10	5	1	16	4	1	1	41
1998	26	23	4	4	18	14	2	0	91

Spring: 1 **Fair Is** 6 May Fall 9-13 May with 5 **Is of May**, 3 Girdleness **NE**, 3 Fair Is, 2 Sandwick **Shet** & singles Barns Ness **L** & Fife Ness **F** 9-11 May; singles Noss **Shet**, North Ronaldsay **Ork**, Rattray **NE**, St.Kilda **OH**, Whalsay **Shet** & Out Skerries **Shet** 12-13 May. Scattered reports followed with 2 Hermaness **Shet** 17 May; 1 Queenamidda **Ork** & 1 Hoxa, South Ronaldsay **Ork** 21 May; 1 Is of May 27 May; 4 other singles Fair Is in May; 1 Fetlar **Shet** 10 June; 1 Fair Is 11 June. *A good spring.*

Autumn: 1 Tresta, Fetlar **Shet** 1-5 September; 1 Fair Is 15 September; 2 Out Skerries & singles St.Kilda (2), Is of May, Exnaboe **Shet**, Out Skerries, Quendale **Shet** & Fair Is 22-28 September; 1 Out Skerries & 1 North Loch Eynort, South Uist **OH** 4-5 October; singles Grindigair **Ork**, St.Kilda, Burrafirth **Shet**, Fife Ness & Sandness **Shet** 15-22 October with last 1 Whalsay 25 October.
A poor autumn.

White-spotted Bluethroat *Luscinia s. cyanecula*
1 Vavloe, Whalsay **Shet** 29 March-1 April; 3 **Fair Is** 30 March with 1 lingering to 1 April and then joined by another 2 that remained to 4th April and 1 until 6 April; 1 Cove **NE** 2 April; 1 Out Skerries **Shet** 5 April.
Possibly the best-ever spring influx of this race. Second record for North-east Scotland; 4th-5th for Shetland & 5th-9th for Fair Isle.

Black Redstart *Phoenicurus ochurus*
Winter: 1 wintered Dunbar **L** from 2000 to 31 March with long staying January-February singles at Tarbat Ness **H**, Loch of Strathbeg **NE**, Cairnbulg **NE**, Rosehearty **NE** & Macduff **NE**. There were also 1-day singles at Barry Buddon **A&D**, Pittenweem **F**, Elliot **A&D** & North Ronaldsay **Ork** in January and at Torness **L**, Rascarrel **D&G** & Lerwick **Shet** in February.
Spring: First migrants **Fair Is** 15 March; Loth, M&N, Fife, Caith, Ork & Shet 25-30 March; A&D, Ayr, Is of May & Bord 1-10 April, and High & OHeb 4-11 May. Widespread fall 28 March-2 April, mostly singles except for 8 North Ronaldsay, 5 Rattray **NE**, 4 Bridge of Don **NE**, 3 Beil of Duncansby **Caith**, 2 Leuchars **F**, 2 Cove **NE** & Burghead **M&N** 29-30 March with 6 **Is of May** 1 April & 5 Fair Is 7 April. Area totals include: *c.*25 Fair Is, 15 Ork, 11 NE, 10 NE, 8 Shet & Is of May, 6 Loth, 5 Fife, 2 M&N, High, Ayr & OHeb; 1 A&D & Bord
Summer: An unpaired f Hirta, St. Kilda **OH** 20 June-24 July; 1 Fair Is 3 July; 1 Alness **H** 20 July; 1 Gullane Point **L** 25 July; 1 Pitcox **L** 27 July; 1 Boreland **D&G** 13 August.
Autumn: First birds Ork, Is of May, Shet & Clyde Is 22-28 September; Fair Is 8 October; P&K, D&G, Loth & NE 18-31 October. Almost all singles except 3 Ferryden-Fishtown **A&D** 10 October; 5 Rattray 18-31 October; 2 North Ronaldsay 19 October; 2 Southerness **D&G** 1-2 November. Area totals: 22 Shet, 12 Ork, 7 Fair Is, 5 A&D, 3 Is of May & Loth, 2 P&K & Fife with singles M&N, Ayr, OHeb & Clyde Is. Last Fife, M&N, Fair Is & Loth 19-28 October; P&K, Ayr & Ork 1-2 November; OHeb & Shet 13-19 November.
Winter: Singles Collieston **NE** & Auchmithie **A&D** 25-26 November; Lerwick 28 November-23 December; Virkie **Shet** 15-24 December; & St.Abbs Head **B** 18-26 December.

Photos: Jim Duncan

Common Redstart (Redstart) *Phoenicurus phoenicurus*

Spring: First Williamhope **B** 1 April with 1 Musselburgh **L** 3 April. Good gap then until next Loth on 14 April Bord & Clyde 19-20 April before P&K, D&G, High, Ayr & Forth 25-30 Apr; A&D, Arg & Shet 1-6 May; Fife, NE, Ork & Is of May 9-17 May.

A poor spring on east coast and isles with just 12 Shet, *c*.12 Fair Is, 4 Is of May & Ork, 3 Loth, 2 Bord and none A&D, NE & Fife, maximum count was 4 **Fair Is** 11-12 May.

Area	sites	terrs	juvs
A&D	5	5	-
Fife	2	2	-
Forth	2	35	75
Loth	1	1	-
Bord	33	57	4
Arg	8	14	-
Clyde Is	3	3	1
Clyde	10	21	-
Ayr	6	7	-
D&G	1	3	-

Breeding: Best sites were 29 pairs Trossachs **Forth** colony (38 in 2000) reared 75 young, 6mm Port of Menteith **Forth**, Taynish **Arg**, 5mm Scrape Glen **B**. 3 pairs bred in boxes at Bonawe but all predated by Pine Marten. First fledged Forth 6 June; Clyde Is 7 June; Arg 3 July; Bord on 22 July.

Autumn: Last inland/territorial birds Clyde Is, Clyde, Arg & Bord 13-23 August; Loth & Ayr 30-31 August; P&K 8 September. First migrants Shet, Ork, NE & Fair Is 19-24 August; Fife & Bord 2 September.

Best counts were 4 West Seaton **A&D** 19 August; 5 St.Abbs Head **B** on 12 September. The a widspread movement 25-30 September with 40 **Is of May**, 10 Fair Is, 10 Pease Bay **B**, 8 St.Abbs, 7 Whalsay **Shet** & Eyemouth **B** with 5 Fetlar **Shet**, 4 Cove **B** & 3 North Ronaldsay **Ork**. Only 1-2s later with last birds Loth, Bord & OHeb 1-4 October; M&N & Shet 14-19 October; A&D, Caith, NE, Fife & Is of May 21-23 October. Latest single was late at Burray **Ork** on 3 November.

Whinchat *Saxicola rubetra*

Spring: First 2mm at Broughtonknowes **B** 20 April with Loth, Clyde & Forth on 27-29 April and P&K, A&D, M&N, Clyde Is, Arg, Is of May and Ayr on 1-4 May with N&W Isles & NE 9-11 May. Few seen on E coast and Isles with just *c*.25 Fair Is, 9 Bord, 8 Is of May, 5 Shet, Ork & Loth and singles M&N, NE & Fife with none A&D. Largest migrant counts were 4 St.Abbs Head **B** 27 April, 6 Aberlady **L** 2 May & 7 **Fair Is** 11 May but by 5 May there were already 11mm on territory at Glen Douglas **Clyde**.

Area	sites	terrs
OHeb	7	7
A&D	18	18
Fife	2	2
Forth	3	13
Loth	3	5
Bord	41	111
Arg	13	21
Clyde Is	7	9
Clyde	29	76
Ayr	18	21

Breeding: Drop in numbers Oronsay **Arg** were just 2 pairs (7 in 2000). Best site counts were 15mm Berrybush **B**, 14 Glentaggart **Clyde**, 11 Glen Douglas **Clyde**, 11 Rankle Burn **B**, 10 Mountbenger **B** & 6 Coull, Islay **Arg**. Just single territories noted M&N & NE. Adults feeding young Loch Eddy **B** on 17 May was exceptionally early. First fledged young seen Bord 15 June; Forth 21 June; A&D, Fife & OHeb 1-7 July; Clyde Is 14 July.

Autumn: Post-breeding dispersal of families parties seen with 5-7 birds at Kincraig Head **F**, Goosepools **F**, Loch Gruinart & Coble Shore **F** 5-17 August with further parties Caerlaverock **D&G** and Glen Fruin **Clyde** in mid-September.

A large fall of migrants 19-24 August with 60 **Is of May**, 25 St.Abbs Head, 24 Fair Is, 12 Sumburgh **Shet**, 8 North Ronaldsay **Ork**, 3 Girdleness **NE** , 3 Whalsay **Shet** & 2 Barns Ness **L**. 13 Fair Is & 3 Out Skerries **Shet** 18-23 September.

Last birds P&K, D&G, OHeb, Arg, Is of May, Clyde & Loth 15-30 September; Bord 3 October; A&D, Shet, Ork, Fife & Fair Is 22-27 October with a late bird at Slains **NE** 7 November. There was an extremely late bird at Hacco **Ork** on 1 December.

Whinchat, Meldons, Borders

Stonechat *Saxicola torquatus*

Winter/Spring: January records from: 11 Ork, 9 Bord, 5 Loth & 3 Clyde with 1 Forth. Best counts were 9 Pentland Hills **L**, 8 Musselburgh **L** & 6 Dumbrock Muir **Clyde**.

5 migrants reached St.Kilda **OH** in March with 1 there in May. *c*.28 passed through **Fair Is** 8 March-16 May with maximum of 6 on 10-11 March while 8 were in **Shet** with 4 Sumburgh 10 March with 6 on North Ronaldsay **Ork** 8-12 March, maximum 4 on 8 March.

Breeding: Population fall Loch Shin **H**, down from 16 to just 10 pairs after cold spell in winter and similar fall Colonsay **Arg** where just 13 pairs (36 in 2000). Population spread noted - first breeding Glen Clunie **NE** and in Loth where the coast has been recently colonised, breeding is still to be proved. Continuing success mentioned in reports from P&K and in Bord there was an increase in sightings over that of 2000, despite F&MD restriction. Best site counts were 6mm Greenan-Seafield **Ayr**, 6 pairs Cashel **Clyde** & 5 pairs Glen Shilloch **Clyde**. First fledged young Bord 20 May; Caith 31 May; Fife 3 June.

Area	sites	terrs	broods	juvs	MBS
Ork	?	34	-	-	
OHeb	27	37	14	32	2.3
Caith	1	4	-	-	
M&N	6	10	-	-	
A&D	18	18			
P&K	19	-	4	-	
Fife	12	12	2	5	2.5
Forth	5	5	-	-	
Loth	3	5			
Bord	40	84	21	45	2.1
Arg	9	32	-	-	
Clyde Is	4	4	-	-	
Clyde	25	37	8	26	3.2
Ayr	26	36	8	25	3.1
D&G	4	4	-	-	-

Autumn: Best counts, presumably combined broods, were 10 Port na Feanniche, Arran **Clyde Is** & 8 Glen Fruin **Clyde** in August; 20 Glen Aros, Mull **Arg**, 14 Coull, Islay **Arg**, 11 Vane Farm **P&K**, 9 Craigmead **F** and 8 Kilminning **F** in September. The best later count was 20+ Loch Gorm, Islay **Arg** on 12 November.

There were *c*.15 migrants Fair Is 28 September-25 October with 4 Shet 14-30 October 2 North Ronaldsay 25 September-16 October.

Winter: December reports - 12 Clyde, 7 Bord & Loth, 6 Ork, 5 D&G & M&N, 2 Forth and single records from A&D & Clyde Is.

Siberian Stonechat *S.t.maurus*

4 records: f/1st-w North Ronaldsay **Ork** 16-22 September; 1st-w Sumburgh **Shet** 21-22 September; 1st-w m Sumburgh 6-9 October; f/1st-w Brough, Whalsay **Shet** 7 October.

Isabelline Wheatear *Oenanthe isabellina*

1 Funzie, Fetlar **Shet** 14-15 September was the second record for Shetland & the fourth for Scotland.

Common Wheatear (Wheatear) *Oenanthe oenanthe*

Spring: First 1 Lower Dunside Reservoir **Clyde** & 1 Coldingham Bay **B** 17 March; Arg, D&G, OHeb & Ayr 19-22 March; P&K, Clyde Is, Fife, Fair Is, Ork, NE, High, Shet & Loth 28-29 March; A&D, Forth & M&N 3-9 April. The best counts were: 4 Kinnabus, Islay **Arg** on 20 March; 6 Doonfoot **Ayr** 27 March; 11 **Fair Is** 30 March; 7 Musselburgh **L** & 6 Torness **L** 2 April; 7 Duncansby Head **Caith** on 11 April; 100 Papa Westray **Ork,** 90 North Ronaldsay **Ork**, 40 St.Kilda **OH**, 7 St.Abbs Head **B** & 7 **Is of May** 25-27 April. Then 14 Mersehead **D&G** on 1 May; 6 Rattray **NE** 16 May.

Breeding: Some good island counts of breeding pairs with *c*.50 **Fair Is**, 42 Noss **Shet**, 33 Hermaness **Shet**, 20 Sanda **Arg**, 17 Monach Isles **OH**, 10 Lunga **Arg**, 5 Swona **Ork** with 3 Is of May & 3 Eilean Mor, Flannan Isles **OH**. In addition there were 18 pairs Village Bay, Hirta **OH** & 12 North Hill, Papa Westray **Ork**. Excellent regional totals came from **Bord**, 41mm at 31 sites with 4mm Meggetknowes & Talla Reservoir, **Clyde** with 64 pairs at 25 sites with 8mm Glen Douglas & 7mm Loch Sloy & Ayr with 12 pairs at 10 sites. **A&D** had comparable totals where during July there were 29 adults +5 juveniles Glen Lethnot, 30 Glen Prosen & 25 Loch Lee suggesting a good local population and successful breeding.

First fledged young: Fife 2 June; A&D 15 June; Ork 17 June; OHeb 21 June; Bord 24 June.

Autumn: Post-breeding assemblies include 27 Carskeiy, Kintyre **Arg** & 12 Beinn Chabhair **Clyde** in July. There was a significant fall 17-23 August with daily maxima of 380 Fair Is, 100 Spiggie **Shet**, 100 Sumburgh **Shet**, 63 North Ronaldsay, 50 Is of May, 8 St.Abbs, 7 Ruddon's Point **F** & 7 Fife Ness **F**. 21 Cairnbulg **NE** on 26 August; 20 Greian Head, Barra **OH** on 12 September; 200 North Ronaldsay,

60 Sanday **Ork**, 40 St.Kilda & 12 Barns Ness-Skateraw **L** 25-26 September; 54 North Ronaldsay & 30 Sanday 3-4 October; 10 Scooniehill **F** 10 October; 7 Eden Estuary **F** 17 October. Last birds P&K, Forth & Clyde 7-10 October; Caith, D&G, M&N, Clyde Is, Fife & Bord 17-21 October; Loth, Arg, Fair Is, NE & Shet 27-31 October; A&D, Ork & OHeb 3-5 November. A very late single was at Seamill **Ayr** on 18 November.

Greenland Wheatear *O.o.leuchoroa*

Spring: First birds were 1 Sanda **Arg** 30 April and 4 Balgray Reservoir **Clyde** 2 May. **Fair Is** regularly held 100 in May with 130 on 3&15 May and then 50-90 into early June. There were also several falls of 15-20 birds on St.Kilda **OH** in May, maximum 30+ on 17 May. 5 Sanda & 1 Barassie **Ayr** 3-5 May; 1 Penmore Hill, Mull **Arg** 13 May; 4 Ardivachar Point, South Uist **OH** 17 May with 2 there 19 May; 1 Musselburgh **L** 23 May. 27 North Ronaldsay 27 May may have been this population.

Autumn: Regular Fair Is with maximum 230 on 11-15 September; 3 Loch Gruinart, Islay **Arg** 13 August; regular St.Kilda 27 August-4 October, maximum 20+ early October; 1 The Reef, Tiree **Arg** 12 September; 1 Eyemouth **B** 16 September; 15 Machrihanish Arg, 3 Turnberry **Ayr**, 2 Barassie **Ayr** & 2 Hawking Craig **Ayr** 28-29 September; 5 Balemartine, Tiree **Arg**, 4 Torrylinnwaterfoot, Arran **Clyde Is**, 4 Cleaton, Arran **Clyde Is** & 2 Sanda 3-5 October; 4 Vaul, Tiree **Arg** 7 October with latest 3 Balemartine 27 October.

Grey-cheeked Thrush *Catharus minimus*

1st-w Stromness **Ork** 14-16 October. *The second record for Orkney, the first in 1994.*

See Dillon (2001) in *Birding Scotland* 4:85 for an account of this record.

Ring Ouzel *Turdus torquatus*

Spring: First bird at Pow Burn **Ayr** 8 March; Fair Is, A&D & Is of May 30 March-4 April; P&K, NE & Bord 7-8 April; High, Fife, Clyde & Arg 10-16 April; Shet, Ork & OHeb 26-28 April. Most birds were directly on to the breeding hills and there were very few coastal migrants just 7 Ork & Shet, 3 Is of May & singles Fife & Bord with none Loth & M&N. Best counts was 5 **Fair Is** 27 April and 2 reached St.Kilda **OH** on 28 April & 17 May.

Breeding: **NE** many were ringed in Glen Clunie study; **A&D** noted several areas with 6 pairs Loch Lee; **P&K** noted at 8 sites with 13-14 pairs Fealar; **Forth** 6mm Ben Each-Ben Vorlich. Restrictions meant that few were reported in southern Scotland with just 4 Bord, 2 Clyde & 1 Arg.

Autumn: Hill flocks are a feature of some autumns with 30 Glenshee **P&K** & 20 Glen nan Meann **Forth** 16-20 September. The last of the hill birds were in Forth & Clyde 20-30 September, Bord & M&N 8 & 13 October & Arg 21 October.

There was a fall 27 September-3 October, mainly on the N&W Isles, with 25 Out Skerries **Shet**, 19 Fair Is, 8 Beil of Duncansby **Caith**, 7 North Ronaldsay **Ork**, 6 Foula **Shet**, 5 Queenamidda **Ork**, 4 Fetlar & Whalsay **Shet** with 12 elsewhere Ork, 5 St.Kilda, 2 North Rona **OH** & 7 elsewhere on Shet. 20 Noup Head, Westray **Ork** 9 October. Another prolonged fall 19-26 October brought 30+ Rattray **NE**, 15 Sumburgh **Shet**, 10 Bridge of Don **NE**, 10 Barns Ness **L**, 8 North Ronaldsay, 7 Out Skerries, 6 Portgower **H**, 6 Lunan Bay **A&D**, 5 Torness **L**, 4 St.Abbs Head **B**, 4 Whalsay, 4 Thorntonloch **L** & 4 **Is of May. The** last birds were on Shet, Is of May, Fife & Loth 20-26 October and A&D, Bord, Ayr, High & Fair Is 27-31 October. Late singles at Dingieshowe **Ork** 9 November, Muchalls **NE** 15 November & North Ronaldsay 21 November.

Continental Ring Ouzel *T.t.alpestris*

1 Beil of Duncansby **Caith** 19 October.

Common Blackbird (Blackbird) *Turdus merula*

Winter/Spring: The very high numbers continued from autumn 2000 with 45 **Fair Is**, 45 Tweedbank **B**, 41 R.Leven **Clyde**, 36 Gattonside **B**, 30 Barns Ness **L** & 30 Thorntonloch **L** in January.

An unusually large spring fall 28 March-6 April with 400 Fair Is & 230 Whalsay **Shet** 29 March; 3,000-5,000 Fair Is, 1,000 Fetlar **Shet**, 676 North Ronaldsay **Ork**, 500 Maywick **Shet**, 400 Sumburgh **Shet** & 30 Girdleness **NE** 30 March; 200 Fair Is & maximum 10 **Is of May** 6 April.

Breeding: A large regional count from **Clyde** with 213 pairs at 37 sites but otherwise good site counts of pairs with 34 counted on two forest trails Mabie Forest **D&G**, 28 Roslin Glen **L**, 22 Langbank **Clyde**, 19 in two parts of Oban **Arg**, 18 Cardowan Moss **Clyde**, 14 Eddleston **B**, 12 Mersehead **D&G**, 11 Aberlady **L** & 10 Whithaugh Park **B**. On the islands there were 4mm Noss **Shet**, where one pair was triple-brooded and pairs bred Sanda **Arg** & Inchcolm **F**. There was a brood in Maryhill **Clyde** on the extraordinary early date of 24 January. Otherwise first fledged young: Bord 17 April; Forth 3 May; Clyde Is 12 May; OHeb 7 June. Second broods Bord from 4 June.
The early birds in Maryhill **Clyde** eventually produced 4 broods, the last on 24 July.
Autumn/Winter: Good autumn with a big fall in mid-October. 54 St.Abbs Head **B** on 29 September followed by the large fall of 14-16 October: 1,000 Sumburgh, 300+ North Rona **OH**, 300 Maywick, 190 Fair Is, 150 Is of May & 65 St.Abbs. Then 3,000 Arbroath-Auchmithie **A&D**, 2,500 Is of May, 1,000 Eden Estuary **F**, 1,000 Ethie **A&D**, 800 Out Skerries **Shet**, 650 North Ronaldsay, 500 St.Abbs, 500 Mains of Usan **A&D**, 500 Montrose **A&D**, 400 Fife Ness **F**, 300 Whalsay, 300 Windwick, South Ronaldsay **Ork**, 300 Torness **L**, 300 Unst **Shet** & 200 Balcomie **F** 18-19 October.
Passage continued over the next 10 days with highlights of 2,000 Is of May, 850 Fair Is, 800 Usan-Lunan **A&D**, 500+ North Rona, 500 Beil of Duncansby **Caith**, 400 Graemeshall **Ork**, 200 Lumsdaine **B** & 100 Barns Ness **L** 20-30 October. Mainland numbers in November were buoyant but there were fewer big counts in December, compared with 2000, with 72 Tweedbank, 50 Fair Is, 45 Dundock **B**, 44 Loch Gruinart, Islay **Arg** & 33 Endrick Mouth **Clyde**.

Fieldfare *Turdus pilaris*
Winter/Spring: Biggest January-February counts : 610 Lunan **A&D**, 500 Aberdeen **NE**, 500 Flanders Moss **Forth**, 500 Ryeflat **Clyde**, 500 Eastfield **Clyde**, 400 Thankerton **Clyde**, 400 Gullane **L**, 400 Kippo Wood **F** and 200-399 birds Auchencrieff Loch **D&G**, Minto **B**, Auqahirie **NE** & Dalrymple **Ayr**. Elsewhere 185 M&N, Fife 150, P&K 100, Ork 85, Fair Is 60, Clyde Is & Arg 30, OHeb & Shet 20. The first signs of passage were 600 Musselburgh **L** on 4 March. But no larger flocks until 30 March-5 April when 1,200 Black Yett **B**, 1,200 Coalyburn **B**, 820 Craigurd **B**, 750 Whim **B**, 510 **Fair Is** & 500 Fetlar **Shet**. Then 1,000 The Meetings **Clyde** 15 April; 750 Thirlstane Castle **B** 21 April; 1,200 Fair Is 29 April. Best March-May counts elsewhere: Ork 233, Forth 180, Is of May 120, D&G & Ayr 100, Fife 85, Arg 62, M&N 40 with tiny numbers A&D, P&K, NE, OHeb & Loth. Last Clyde, Forth & Caith 26-30 April; Loth & Bord 4 May; A&D & OHeb 10-13 May; Shet & Fair Is 17 May.
Breeding: Some late singles Leithen Lodge **B** 4 June & Cabrach **M&N** 9 June but no further evidence. However 1 carrying food in Deeside NE in late June, becomes the first breeding record for the area. A party of 5 Chesters **B** 21 July is so far ahead of the migrants that is was possibly a family group.
Autumn/Winter: Exceptionally early singles on Is of May, Fair Is & Shet 19-20 August with a few in late August on Shet & Fair Is. First A&D, Fair Is, OHeb & Shet 18-23 September; Loth, Caith, D&G, Arg, NE & Bord 28-29 September, followed by M&N, P&K, Forth, Clyde, Fife & Ayr 3-13 October. 4,400 Fair Is, 4,200 Sumburgh **Shet**, 3,000 Brora **H** , 3,000 Spiggie **Shet**, 1,000 Maywick **Shet**, 500 **Is of May** & 500 Scatness **Shet** 14-16 October with 1,000 Auchmithie **A&D** on 18 October. As more birds reached the mainland there were 2,500 Scurdie Ness **A&D**, 2,000 Lybster **Caith**, 1,800 Montrose **A&D**, 1,270 Crichton Acre **D&G**, 1,000 Quendale **Shet** & 1,000 Skerries **Shet** & 800 West Kenneth Bank **D&G** on 19-20 October. Flocks started to diminish as birds dispersed across the southern mainland with 10,000 Cupar Angus **P&K**, 2,000 Glen Clova **A&D**, 2,000 The Laggan **Arg**, 1,200 Kilkivan **Arg**, 900 Usan **A&D**, 600 Loch Gruinart, Islay **Arg**, 600 Is of May, 600 Southend **Arg**, 509 Kilmory, Arran **Clyde Is**, 500 Mar Lodge **NE**, 500 Cullaloe **F**, 450 Kilbucho **B** & 400 St.Kilda **OH** 21-24 October but arrivals kept on streaming in with 5,300 Strathallan **P&K** in 44 flocks, 4,000 Howwood **Clyde**, 1,730 Glen Artney **P&K** in 20 flocks, 1,500 Spittal **B**, 1,200 Carruthmuir **Clyde**, 1,000 Craignethan Castle **Clyde**, 1,000 Black Yett, 1,000 Ambathie **P&K**, 900 Glen Fruin **Clyde**, 800 Whitfield **B** & 600 each at Hill of Barnaigh **Clyde**, Bridge of Weir **Clyde**, Warwickdale **Ayr** 26-28 October. Passed slowed by 29-31 October with best counts of 1,500 Forter **A&D**, 1,000 Caerlaverock **D&G** & 500 Lomond Hills **F** but another movement was seen 1-4 November with 10,000 Lythmore **Caith**, 10,000 Gargunnock-Kippen **Forth**, 1,000 Lecropt **Forth** & 1,370 Strathallan. 5,000 were still at Thurso **Caith** on 17 November. The biggest December counts include 1,500 Scarfskerry **Caith** 2 December with 400 Clyde, 300 Arg & Ayr, 200-260 in D&G, P&K & Bord.

Eye-browed Thrush *Turdus obscurus*
1st-w Hirta, St.Kilda **OH** 1-2 October.
Second for Outer Hebrides & 17th for Britain. Last was on North Rona in 1967.

Dark-throated Thrush (Black-throated Thrush) *Turdus ruficollis*
1 *atrogularis* **Fair Is** 14-17 April. *7th for Fair Isle but first there in spring.*
[2000] 1st-w f *atrogularis* Foula **Shet** 23 September.

Song Thrush *Turdus philomelos (includes migrants of other races unless specified)*
Winter/Spring: More than usual January birds in areas normally vacated with 20 Bord, 17 P&K, 12 M&N, 10 Shet, 6 Forth. 55 Tiree **Arg** in 11 January with January record count of 15 **Fair Is**.
The arrival on territory was in P&K & Bord 5 February; mid-February in Forth. There were good counts of 12 Loch Earn **P&K** 27 February; 18 Mersehead **D&G**, 15 Kingholm Quay **D&G** & 10 Lundin Links **F** 4 March and 19 Camghouran **P&K** 17 March.
Unusually there was strong passage on 29 March-5 April in the N.Isles with a maximum daily count of 620 on Fair Is, 500 Fetlar **Shet**, 300 Whalsay **Shet**, 55 North Ronaldsay **Ork**, 50 Skaw, Unst **Shet** & 40 Out Skerries **Shet** 5 April, all presumably continent-bound.
Breeding: Good numbers reported **Clyde** with 94 pairs but best sites counts were 41mm Cupar **F**, 14 Roslin Glen **L** (mean 9), 11 Tweedbank **B**, 11 Taynish **Arg**, 10 Lochwinnoch **Clyde**, 10 North Haugh **Clyde** & 9 Mersehead **D&G**. Also reported from 14 sites on **Ork** and 6 pairs Sanda & singles singing on the Treshnish Islands **Arg** on Lunga & Cairn na Burgh Beg , the first records for each island.
First fledged young: Bord 7 May; Ork 27 May; Fife 6 June. Late fledging D&G 27 August.
Autumn/Winter: 40 Loch Gruinart, Islay **Arg** 22 September was an excellent count for the west coast. Good fall 28 September-1 October with 300 **Is of May**, 200 Out Skerries, 100 Fair Is, 71 North Ronaldsay, 60 Whalsay **Shet**, 50 Fetlar, 50 Sumburgh **Shet**, 20 Strathlene **M&N** & 20 St.Abbs Head **B**. 50 Vatersay **OH** 3 October; 100 Out Skerries 7 October before another big fall 15-18 October with a vast count of over 4,000 Auchmithie-Arbroath **A&D** as well as 650 St.Cyrus **NE**, 400 Cove **NE**, 400 Out Skerries, 370 Fair Is, 300 Is of May, 258 North Ronaldsay, 250 Sumburgh, 200 St.Abbs, 100+ North Rona **OH**, 76 East Neuk **F** & 65 Barns Ness-Thorntonloch **L** . The 30 Auchencairn Bay **D&G** 19 October may have been part of this movement as birds pushed on south. 30+ St.Kilda **OH** 23 October. More normal numbers of December birds compared to last winter with 7 P&K, 6 Ork & 5 Bord. Best December counts elsewhere were 19 Ardmore **Clyde** & 12 Kilmany Station **F**.

Continental Song Thrush *T.p.philomelos*
1 Sanda **Arg** 23 April had features of the continental nominate *philomelos* as were 6 there 18 May.
1 Loch Gruinart, Islay **Arg** 22 September; 3 Clynelish **H** 16 October.
This form is commonplace on the east coast in autumn during passage events.

Hebridean Song Thrush *T.p.hebridensis*
Breeding: **OHeb** noted breeding at 2 sites on Lewis, 4 sites North Uist & 2 sites on South Uist.
1 heavily marked bird Balnahard, Colonsay **Arg** 20 September was thought to be of this race.

Redwing *Turdus iliacus*
Winter/Spring: Largest January-February counts: 1,200 Tankerness **Ork**, 600 Bridge of Don **NE**, 400 Thorntonloch **L**, 300+ Garpin **Ayr**, 300 Hartfield Moss **Clyde**, 300 Auchincruive **Ayr**, 200 Craigluscar **F**, 200 Barns Ness **L** and 100-199 birds Glen Fruin **Clyde**, Arnprior **Forth**, Brocketstone **Clyde**, St.John's **Caith**, Tweedbank **B**, Bridge of Earn **P&K**, Kilmaronock **Clyde** & Bearsden **Clyde**. Best elsewhere: Arg 96, Fair Is 90, M&N 80, OHeb 58, Shet 30 & Clyde Is 25.
Passage bird: 550 Kirkpatrick Durham **D&G**, 450 Balmossie **A&D**, 200 Crosshill **Ayr** &100 Airthrey **Forth** 2-6 March. Then 420 **Fair Is**, 300 Fetlar **Shet** & 100 Whalsay **Shet** 29-31 March. Then Iceland-bound birds passing through with 250 St.Kilda **OH** 5 April, 300 Snishival, North Uist **OH** on 13 April; 500 St.Kilda & 200 Colonsay **Arg** 20-22 April; 100 Thirlstane Castle **B** 20 April.
Last Forth & Loth 2-5 April; Bord, Clyde & Is of May 20-26 April; D&G, OHeb, Arg & Ork 17-28 May; Fair Is 11 June.

Breeding: *RBBP* reports from 'N&W Scotland': a site where 2 bred, another where 1 bred and 3 sites with singing males - some or all of these may be included in the recording area accounts. **Ork** 1m sang Rendall 20-23 June but no other evidence; **OHeb** although several summered St.Kilda, including singers, there was no evidence of breeding; **High** singers Altnaharra & Auchentoul with 2 Handa in mid-July; **M&N** pair flushed from copse at Cabrach 29 April, although breeding was suspected there was nothing there when revisited in early Jun.

Autumn/Winter: First OHeb 30 August; then Ork, D&G, Clyde, Shet, Ayr & Is of May 9-19 September; everywhere else 20-29 September. A good-sized fall 28-30 September with 10,000 Beil of Duncansby **Caith**, 3,000 Fair Is, 2,000 Foula **Shet**, 2,000 Out Skerries **Shet**, 774 North Ronaldsay **Ork**, 767 St.Abbs Head **B**, 600 **Is of May**, 500 Fetlar **Shet**, 375 Whalsay **Shet** & 300 Girdleness **NE**.

The major autumn fall over 14-25 October started with 900 Is of May, 700 St.Abbs & 400 Coldingham Moor **B** 14 October before arrivals from the north on 15 October with 10,000 Brora **H**, 7,000 Fair Is, 2,700 North Ronaldsay, 2,500 Sumburgh **Shet**, 2,000 Maywick **Shet**, 1,500 Spiggie **Shet**, 1,190 Eden Estuary **F**, 1,000 Deerness **Ork** & 1,000 Queenamidda **Ork** . There were then 1,000-2,000 daily on Fair Is until 25 October. There was a hiatus on 16-17 October with best totals of 680 Thorntonloch & 500 Wood of Cree **D&G**, the latter showing that birds were moving on through Scotland.

Once more the axis of the next fall started on the east coast before shifting further north with 8,000 Auchmithie **A&D**, 2,000 Montrose **A&D**, 2,000 Is of May, 1,000 Balcomie **F**, 750 St.Abbs, 450 Burnmouth **B** & 350 Torness **L** on 18 October before there were 4,000 Out Skerries, 2,000 Whalsay, 1,500 Quendale **Shet**, 1,500 Thornhill Carse **Forth**, 1,270 Crichton Acre **D&G**, 1,000 St.John's **Caith** & 1,000 St.Ola **Ork** with 500 Lochdon **Arg** & 400 Stillgarry, South Uist **OH** on 19-20 October. Birds continued to pile in over the next few days but with more of a westerly bias, hinting at the simultaneous arrival of birds from Iceland, with 2,000 Laggan, Islay **Arg**, 1,800 Glen Fruin **Clyde**, 1,000 Southend **Arg** , 1,000 Southend **Arg**
and 800 Kilkivan **Arg** 21-24 October. The rush steadied over 27-30 October with 1,000 North Rona **OH**, 1,000 Blackford **P&K**, 800 Howwood **Clyde**, 600 Strathclyde Park **Clyde** & 500 Warwickdale **Ayr**. Despite the end of the passage there were unusually large numbers wintering in the north with 3,000 roosting Herston, South Ronaldsay **Ork** 13 November with 2,000 still there into December, 5,000 Thurso River **Caith** on 18 November and 4,750 roosting Tankerness 19 November.

Max December counts were generally high with 2,000 Scarfskerry **Caith**, 500 Tiree **Arg**, 400 Gleniffer Braes **Clyde**, 225 Cunninghamhead **Ayr** & 200 Longannet **F** with a maximum elsewhere of D&G 140, Bord 35, Shet 12 and tiny numbers P&K, Clyde Is & Forth.

Mistle Thrush *Turdus viscovorus*

Winter/Spring: A small number of flocks remained together into early March, while 39 Glen Fruin **Clyde** was unusually large, 16 Reres Wood **F**, 15 Nether Stewarton **B**, 12 Bridge of Earn **P&K** and 10 Hardens **B** were more typical. On passage there were 5 Whalsay **Shet** & 2 **Fair Is** amongst the other thrushes on 29 March.

Breeding: Being dispersed breeders, site counts of 4mm Cameron Reservoir **F** & 3 Stobo Kirk **B** were the best reported. The best local area counts were in **Bord** with 29mm at 14 sites and in **Clyde** with 32 pairs at 27 sites. 1 Achmore, Lewis **OH** in June was outside the normal range.

First fledged young NE 2 May; Bord 3 May; Clyde Is 7 May; Fife 11 May; Arg 9 June.

Autumn/Winter: The best month for post-breeding flocks is often August when there were 50 Mar Lodge **NE**, 44 Meldons **B**, 40 Duns **B**, 40 Altahuish **M&N**, 40 Crannich, Mull **Arg**, 40 at Caverhill **B**, 35 Fodderletter **M&N**, 35 Kelvingrove Park **Clyde**, 33 Kirkton Barns **F** & 32 Garvald Quarry **Clyde**. September counts included 61 Machrie Moor, Arran **Clyde Is**, 55 Sherrifmuir **Forth**, 47 Lintrathen **A&D**, 45 Nether Berbeth **Ayr**, 43 Kinnordy **A&D**, 36 Ordiquhill **NE** & 30 Darleith **Clyde**. The largest count for the year was 96 at roost Craigurd **B** 9 October but numbers tend to fall away into December with best totals of 43 Garscube **Clyde**, 38 Roundyhill **A&D** & 30 Burn of Mar **Clyde** on 11 October; 38 Roundyhill **A&D**.

Although usually hard to detect, there was some sign of passage with 40S Kilchattan Bay, Cumbrae **Clyde Is** & max 4 **Is of May** on 13 October; 13 in off sea at Lossiemouth **M&N** on 24 October and small numbers through the N.Isles in October - 10 Shet, 8 Ork & Fair Is & 1 North Uist **OH**.

Pallas's Grasshopper Warbler *Locustella certhiola*

1st-w **Fair Is** 19 October. *17th for Fair Isle.*

Lanceolated Warbler *Locustella lanceolata*

1st-w **Fair Is** 23 September with another there 24-25 September; 1 Sumburgh **Shet** 14 October. *14th for Shetland but 62nd for Fair Isle.*

Grasshopper Warbler *Locustella naevia*

Spring: First 3 Loch Gruinart, Islay **Arg** 20 April with the remainder following soon after with the first art Fair Is, Clyde & Is of May & Ayr 24-26 April, D&G, Forth & Loth 27-30 April and then Bord, M&N, High, Ork, Clyde Is & OHeb 3-12 May. Typically few birds early on, mainly from established sites and few obviously on passage, with 3 Bogton Loch **Ayr** 26 April; 4 Hamilton Low Parks **Clyde**, 4 **Fair Is** & 3 Aberlady **L** 29 April. 1 reached St.Kilda **OH** on 12 May but none were reported on Shet.

Area	sites	terrs
Ork	4	4
NE	8	11
A&D	6	6
P&K	5	12
Fife	12	16
Forth	9	9
Loth	6	15
Bord	9	10
Arg	22	36
Clyde	27	67
Ayr	17	29
D&G	6	6

Breeding: Best site counts had the usual western bias with 13mm Loch Gruinart, Islay **Arg**, 8+ Aberlady L, 8 Lochwinnoch **Clyde**, 7 Bothwell Haugh **Clyde**, 5 Gleniffer Braes **Clyde** & 5 Cairnie-Paddockmuir **P&K** and 4 Dreghorn **Ayr**.

Autumn: As usual there were few autumn migrants with 5 birds Fair Is, 2 Ork, Fife & Ayr but just singles Shet, OHeb & Bord and none P&K, D&G & Loth. All were singles except 2 on **Fair Is** 2 October. Last birds Clyde, Loth, Is of May, Arg, Forth & Bord 6-21 August; Ayr, Shet, Fife & OHeb 21-30 September; Fair Is 2 October. The latest was a single on North Ronaldsay **Ork** 22 October.

Sedge Warbler *Acrocephalus schoenobaenus*

Spring: First singles Auchencairn Bay **D&G** & Loch of Strathbeg **NE** 17 April with Loth, Clyde Is, Arg, Fife, Forth, Clyde & Ayr 23-30 April, P&K, A&D, M&N, Caith, Fair Is & Bord 1-4 May and Ork, High, OHeb & Shet on 6-9 May. There were few large counts of migrant, the best being 4 at Machrihanish **Arg** 4 May, maximum 8 **Fair Is** on 21-27 May and 8 Burnmouth **B** 26 May.

Breeding: The best sites counts were again biased towards western Scotland with 189mm Lochwinnoch **Clyde**, 34 Mersehead **D&G**, 31 Colonsay **Arg**, 30 North Haugh, **Clyde**, 29 Aberlady **L**, 28 Bogton Moss **Ayr**, 22 Waterside **Ayr**, 18 Haugh of Ballechin **P&K**, 17 Cardowan Moss **Clyde**, 15 at Possil Marsh **Clyde**, 15 Vane Farm **P&K**, 15 Kelton **D&G**, 15 Cullaloe **F** with 10-14mm at Birnie Loch **F**, St.Abbs Head **B**, Cottascarth **Ork**, The Loons **Ork**, Fernoch **Arg**, Cameron Reservoir **F**, Cousland **L**, Crossgate **L**, Dreghorn **Ayr** & Ormiston **L**. First fledged young seen Arg 2 August; Bord 4 August. At Loch Spynie *CES* **M&N** there was increase in birds handled from 42 (in 2000) to 62 with 55% juvs (31% in 2000), a good season.

Area	sites	terrs
Ork	18	64
OHeb	15	31
Caith	2	11
M&N	3	7
NE	1	10
P&K	8	39
Fife	12	90
Forth	2	8
Loth	4	61
Bord	46	100
Arg	3	47
Clyde	61	441
Ayr	58	181
D&G	2	49

Sedge Warbler
Coldingham Bay, Borders

Autumn: Very few large counts: 7 Kinghorn-Seafield **F** 16 August; 5 St.Abbs Head 19 August; 10 Trabboch **Ayr** 28 August; 10 Dubbs Water **Clyde** 6 September.

Last A&D, NE, Clyde Is, Is of May & D&G 12-25 August; P&K 1 September; M&N, Loth, Fife & Forth 10-17 September; Arg, Clyde, Fair Is & Shet 23-29 September; with latest single at Gosland **B** 13 October.

Aquatic Warbler
Isle of May
Photo: Jared Wilson

Aquatic Warbler *Acrocephalus paludicola*
1 **Is of May** 19 August. *7th for Isle of May.*

Blyth's Reed Warbler *Acrocephalus dumetorum*
5 reports: 1st-w Foula **Shet** 22 September-1 October; 1 **Fair Is** 24 September; 1st-w North Ronaldsay **Ork** 25-26 September; 1st-w Hoswick **Shet** 27 September, possibly present since 24 September and 1 Fife Ness **F** 28 September. *First for Fife, 5th-6th for Shetland, 6th for Orkney & 17th for Fair Isle.*
See Cobb (2002) in Birding Scotland 5: 5-9 for an account of the Fife bird.

Marsh Warbler *Acrocephalus palustris*
Spring: First 1 Noss **Shet** 12 May; 1 **Fair Is** 27 May; 1m sang Geosetter **Shet** 7-10 June; 1m sang Norwick **Shet** on 6-17 June with 2 there on 11-12 June; 1 Fair Is 10 June with further singles there on 14-16 June & 18 June; 1 Haroldswick **Shet** 25 June.
Autumn: 1 Sumburgh **Shet** 19 August; 1 Quendale **Shet** from 24 August-2 September; 1 Out Skerries **Shet** 31 August-2 September.

Eurasian Reed Warbler (Reed Warbler) *Acrocephalus scirpaceus*

Spring: Perhaps the poorest spring ever with just 4 spring birds, including one from a breeding area: 1 **Fair Is** 28 April; 1 Inner Tay **P&K** 24 May; 1 Fetlar **Shet** 26 May; 1 Monikie **A&D** 28 June.
Breeding: **P&K** just 1 reported in spring (above); **D&G** no records were submitted due to lack of access.

	Aug 1-15	Aug 16-31	Sep 1-15	Sep 15-30	Oct 1-15	Oct 16-31	Nov 1-15	Total
N.Isles	2	39	24	15	18	6	0	**104**
NE Scot	0	1	0	0	0	3	0	**4**
E/C Scot	3	8	1	4	0	2	0	**18**
SE Scot	0	3	0	4	0	0	0	**7**
W Scot	0	0	0	1	0	0	0	1
2001	**5**	**51**	**25**	**24**	**18**	**11**	**0**	**134**
2000	0	14	32	143	6	1	1	197
1999	12	33	15	60	1	0	0	121
1998	5	3	87	52	65	0	0	215

Autumn: 1 Fair Is 9 August; 2 Montrose Basin **A&D** &1 Errol **P&K** 11 August; then mostly singles except: 6 **Is of May** 19 August; 3 Deerness **Ork** 21 August; 2 St.Abbs Head **B** 25 August; 2 Is of May 26 September.
A very poor autumn with just 32 Shet, 15 Ork, 11 Is of May, 6 Bord, 5 A&D, 4 NE and singles Clyde, P&K, Fife & Loth. Last Bord 29 September; Fair Is, NE, Ork & A&D 20-23 October; 1 Is of May on 24 October.

Thick-billed Warbler *Acrocephalus aedon*
1st-w Out Skerries **Shet** 14 September.
Second for Britain. Previous records were on Fair Isle in 1955 & on Whalsay Shetland in 1971.
See Harvey & Shaw (2002) in *Birding Scotland* 4: 156-158.

Sykes's Warbler *Hippolais rama*
[1959] adult **Fair Is** 29-31 August.
[1977] 1st-w **Fair Is** 20-27 August.
[1993] 1 Lerwick **Shet** 22 October-9 November.
A new 'split' addition to the British List (these were formerly listed under Booted Warbler). These become the first three records for Britain.

Icterine Warbler *Hippolais icterina*
Spring: 1 singing Carnish, North Uist **OH** 10 June was the only spring record.
Autumn: First 1 **Fair Is** 9-10 August before the main fall of the autumn 19-21 August.
There were 15 birds centred on east/central Scotland with 7 **Is of May** and singles Fife Ness Muir **F**, Thorntonloch **L**, St.Abbs Head **B**, West Seaton **A&D**, Windyhills **A&D**, Easthaven **A&D**, Noss **Shet** & North Ronaldsay **Ork**. Then singles Fair Is & Out Skerries **Shet** 30 August; Fair Is 1-6 September; Grutness **Shet** on 15-18 September; Loch Paible, North Uist **OH** 22 September; Sumburgh **Shet** on 29 September; Hoswick **Shet** 1 October.
1 in spring & 23 in autumn - a poor year, especially in spring. 10th-11th for Outer Hebrides, 14th-16th for Angus & Dundee, 36th for Fife.

Melodious Warbler *Hippolais polyglotta*
Autumn: 1 North Ronaldsay **Ork** 30 August. *12th record for Orkney.*

Blackcap *Sylvia atricapilla*
Winter/Spring: *c.*155 January-early March records: 28 Clyde, 16 M&N, 15 A&D, Ayr & Bord, 13 Loth, 12 P&K, 10 A&D, D&G & Arg, 5 Forth, 2 Shet with singles Caith & Ork and a 'good number' from at least 4 sites in NE. Best counts were 5 Broughty Ferry **A&D** in January & 6 Elgin **M&N** in March.
Probable first migrants in Bord & Ork on 1 April; Fife, Forth & Ayr 2-8 April; D&G, Clyde & Arg on 10-16 April; M&N, A&D & Fair Is 21-26 April; OHeb 10 May.
Best counts: 4 Whalsay **Shet** 13 May; 8 Fair Is & 3 Geosetter **Shet** 16 May.
Breeding:
In the north, where very uncommon, there were 1-2mm Trumland **Ork**, a juvenile seen Queenamidda **Ork** & 1m sang Olrig **Caith**. Best territorial counts were 33 Cambusdoon **Ayr** , 29 Culzean **Ayr**, 18 Mabie Forest **D&G**, 14 Roslin Glen **L**, 13 North Haugh **Clyde**, 10 Langbank **Clyde**, 10 Duns Castle **B**, 9 lower Findhorn **M&N**, 9 Torrisdale **Arg** & 9 Dalrymple Wood **Ayr**.
First fledged young A&D 12 July; Loth 17 July; Ork 26 July.

Area	sites	terrs
Ork	2	3
Caith	1	1
M&N	30	61
P&K	4	9
Fife	?	26
Forth	6	11
Loth	38	54
Bord	58	107
Arg	8	17
Clyde	66	142
Ayr	53	148
D&G	1	18

Autumn/Winter: The first wave of the autumn was 25-30 September when 50 **Is of May**, 20 Foula **Shet** , 20 Fetlar **Shet**, 17 Whalsay, 15 North Ronaldsay **Ork**, 15 Quendale **Shet**, 10 Out Skerries **Shet**, 8 St.Abbs Head **B** & 8 Barns Ness-Skateraw **L**. More through the N.Isles on 6-9 October with 60 **Fair Is**, 40 Fetlar, 40 Whalsay, 30 The Noup, Westray **Ork** & 30 Quendale with 50 Sumburgh **Shet** on 16 October.
The largest numbers followed 19-24 October with 120 Is of May, 52 North Ronaldsay, 50 Out Skerries **Shet**, 25 Whalsay, 25 Sumburgh, 25 Fife Ness Muir **F**, 20 Rattray **NE**, 20 St.Abbs, 15 Bridge of Don **NE**, 12 Barns Ness & 11 Findochty **M&N** with good numbers penetrating to the far west with 8 North Loch Eynort, South Uist OH, 8 Ballygrant, Islay **Arg**, 7 Stornoway Woods, Lewis **OH**, 5 St.Kilda **OH** & 3 North Rona **OH**. 15 Cruden Bay **NE**, 10 St.Abbs & 10 Graemeshall **Ork** 26-27 October were the last real numbers.
There were *c.*36 December records with 9 Ayr, 6 Loth, 4 Clyde, 3 A&D & Arg, 2 M&N, D&G & Bord and singles P&K, Fair Is, Fife, Forth & Ork.

Garden Warbler *Sylvia borin*

Spring: First 1 Connansknowe, Kirkton **D&G** 13 April; Clyde 17 April; Loth & Ayr 29-30 April; NE, P&K, Forth, Bord & Fife 1-6 May; A&D, M&N, P&K, Arg, Clyde Is & Shet 7-10 May.
Worst-ever spring on N&W Isles with just 1 Ork, 3 Shet and a poor 10 singles on Fair Is. Only 2 OHeb & just 4 in NE. 5 Ormiston **L** 20 May was the only early big count.

Area	sites	terrs
M&N	12	12
A&D	9	17
P&K	8	9
Fife	?	41
Forth	5	8
Loth	8	13
Bord	51	67
Arg	1	4
Clyde	30	50
Ayr	47	85
D&G	4	7

Breeding: Best territorial counts were 18 Waterside **Ayr**, 12 Largiemore, Arran **Clyde Is**, 8 Trottick Pond **A&D**, 7 Cullaloe **F**, 6 Likgrammie **Ayr**, 5 Baron's Haugh **Clyde** & 5 Cardowan Moss **Clyde**.
First fledged broods seen in Loth 17 July.
Autumn: Last on territory Loth 17 July; Clyde & Bord 10-13 August; Forth 23 August. First passage at Fair Is on 3 August; Is of May & NE on 14-17 August; Shet, Ork, A&D, Bord & Loth 18-19 August.
Large fall 18-22 August with enormous counts of 150 on the **Is of May** & 57 North Ronaldsay **Ork** with 12 Fife Ness Muir **F**, 5 at St.Abbs Head **B**, 5 Fetlar **Shet**, 4 Whalsay **Shet** & 3 Skateraw **L** . Another 24 appeared on Fair Is 25 August. A whole month passed before a lesser fall on 25-27 September with 25 Is of May, 14 Fair Is, 10 Foula **Shet**, 4 Out Skerries **Shet** & 3 Fife Ness. 10 Fetlar **Shet** 30 September was the last large number followed by 4 Barra **OH** 3-6 October. Singles St.Kilda **OH** 20 & 23 September. Last M&N, Is of May & Clyde 1-13 October; Shet, Fair Is, Ork, NE & Bord 18-21 October; last 2 Barns Ness **L** 23 October.

Barred Warbler *Sylvia nisoria*

	Jul 1-31	Aug 1-15	Aug 16-31	Sep 1-15	Sep 15-30	Oct 1-15	Oct 16-31	Total
N.Isles*	0	1	40	59	23	7	3	133
OHeb	0	0	0	0	1	3	0	4
N Scot	0	0	0	0	0	2	0	2
NE Scot	0	0	1	0	0	0	0	1
E/C Scot	0	0	9	0	8	1	0	18
SE Scot	0	0	2	1	0	0	0	3
2001	**0**	**1**	**52**	**60**	**32**	**13**	**3**	**161**
2000	0	0	15	24	22	2	3	66
1999	0	4	43	23	28	1	3	100
1998	0	6	12	25	24	9	0	76

Autumn: 1 **Fair Is** 5 August with a fall 18-20 August when 8 **Is of May** on 18 August; 5 Fair Is and singles Noss **Shet**, Whalsay **Shet**, Northdale, Unst **Shet**, Fife Ness Muir **F**, Balcomie **F**, St.Abbs Head **B**, 1 Haroldswick **Shet** & North Ronaldsay **Ork**. Birds then occurred daily on Shet & Fair Is into September. Singles at Girdleness **NE** & Queenamidda **Ork** on 23 & 26 August before another flurry of birds 30-31 August when maximum 9 Fair Is, 3 Fetlar **Shet**, 2 Swining **Shet**, 2 Out Skerries **Shet** and 1 St.Abbs. 1 St.Abbs Head 14 September with 2 Foula, 2 Sumburgh Head **Shet** & 1 Is of May 15-18 September. Yet another fall with 4 North Ronaldsay, 3 Out Skerries, 3 Is of May and singles Mains of Usan **A&D** and Uigen, Lewis **OH** on 23-25 September. A trickle of singles followed at Uigen 4 October; Dunvegan, Skye **H**, Castlebay, Barra **OH**, Is of May & Paiblesgarry, North Uist **OH** 6-9 October with late birds at Loch Eye **H** on 13 October and Out Skerries 19 October. *A good autumn but none in spring.*

Lesser Whitethroat *Sylvia curruca*

Winter: 1 Newton Mearns **Clyde** December2000 to early January wa 'one of the eastern races'.
Spring: First 1 Noss **Shet** & **Is of May** 26 April; Loth, Clyde & Ayr 27-30 April; Bord & Fair Is 2 May; Ork, A&D, NE & Fife 9-11 May. Mainly singles but 2 Is of May 8-12 May; 3 Aberlady **L** 9 May; 6 **Fair Is** and 4 Noss 10-12 May; 3 Fife Ness **F** & 2 Mains of Usan **A&D** 11 May; 2 Out Skerries **Shet** 12 May.
Breeding: **P&K** 1 Rannoch Moor 10 June; **Fife** bred Loch Clune, Lochore Meadows; **Loth** 4+ pairs Aberlady & single mm Hermitage of Braid, Holyrood Park, Pitcox & Inveresk; **Bord** 3 areas but no proof of success; **Clyde Is** 1 sang Auchenhew, Arran in June; **Clyde** 1m Baron's Haugh and juvs seen Strathclyde Park, none present Brownside Braes; **Ayr** singers at 6 sites with fledged young Heads of Ayr on 22 June; **D&G** possibly bred Kingholm Quay.
Autumn: 1 Winchburgh Quarry **L** 24 July. First migrants Fife 8 August; Bord 12 August; Loth, Shet, A&D, Fair Is & NE 17-25 August. Mainly singles but 3 Is of May & 2 St.Abbs Head **B** 19 August; 3 Whalsay **Shet** 18 September; 4 North Ronaldsay **Ork** 20 September; 7 Fair Is 23 September; 7 Is of May 27-28 September. 1 Craigton, Barra **OH** 3-6 October. Last Is of May 30 September; Ork & Shet 14-16 October; Fife & Bord 23-25 October; latest 1 Cruden Bay **NE** 9 November.

Desert Lesser Whitethroat *S.c.minula*
1 trapped Fife Ness **F** 25 September.
See Cobb (2002) in Birding Scotland 5: 5-9 for an account of the Fife bird.

Lesser Whitethroat - eastern races *S.c.hamilodendri & S.c.bylthi*
S.c.blythi is occasional on **Fair Is** in September while 2 *S.c.hamilodendri* were on **Fair Is** late September. *Many, if not all, of the birds through the N.Isles show features of these populations.*

Common Whitethroat (Whitethroat) *Sylvia communis*

Spring: First 1 Thornhill **Forth** 26 April; M&N, Clyde, Fife & Loth 30 April; A&D, D&G, NE, Arg & Bord 2-5 May; P&K, Ork, Shet, High, Clyde Is & Fair Is 7-11 May.
4 Greenan **Ayr** 2 May; 4 Loch Spynie **M&N** 7 May; 6mm Craignure-Tobermory, Mull **Arg** & 2 Out Skerries **Shet** 12 May; 11 **Is of May** 14 May; 3 St.Abbs Head **B** 17 May; 6 **Fair Is** 22 May; 3 North Ronaldsay **Ork** 23 May. 5mm OHeb in May-June with further singles St.Kilda **OH** 12 & 25 May.

Breeding: Best sites were mostly in the west with 25mm Colonsay **Arg** (23 in 2000), 23 Mersehead **D&G**, 22 Cardowan Moss **Clyde**, 19mm Mabie Forest **D&G**, 12 St.Cyrus **NE**, 12 Cousland **L**, 11 Cashel **Clyde**, 11 Millerston **Clyde**, 11 Bracken Bay **Ayr**, 10 Frankfield Loch **Clyde**, 10+ Aberlady **L**, 10 Garmouth **M&N** & 10 Taynish **Arg**. First fledged young Loth 12 June; Forth 22 June.

Area	sites	terrs
NE	1	10
M&N	7	27
P&K	7	8
Fife	?	46
Forth	6	10
Loth	16	54
Bord	22	36
Arg	3	40
Clyde	90	250
Ayr	72	142
D&G	4	37

Autumn: Last on territory Loth & Bord 4-9 August; Ayr 22 August. First passage Fair Is, Bord, Is of May, Ork & Shet 19-20 August; Loth 4 September. Mostly singles except: 3 Fair Is 19-26 August; 2 at Skaw, Unst **Shet** on 19 September; 8 Is of May & 2 St.Abbs 27 September. Last Arg, Is of May, Bord, Fife & Loth on 27-30 September; Fair Is & Shet on 5-6 October; Ork 19 October; 1 Ethie Mains **A&D** 23 October was rather late.

Subalpine Warbler *Sylvia cantillans*

1f Brencherhouse, Birsay **Ork** 18-22 May; 1 **Fair Is** 22-30 May; 1 Aith, Fetlar **Shet** 23 May.
[1999] 1m Carnan, South Uist **OH** 4 June.

Greenish Warbler *Phylloscopus trochiloides*

1 Out Skerries **Shet** 31 August; 1st-w Northdale, Unst **Shet** 22 September. *50th-51st for Shetland.*

Arctic Warbler *Phylloscopus borealis*

Adult Sandwick **Shet** 15-16 September.

Pallas's Leaf Warbler *Phylloscopus proregulus*

Singles Whalsay **Shet** 7 October and then Egilsay **Ork**, Drums **NE**, **Is of May**, Fife Ness Muir **F** & Ocraquoy **Shet** 19-24 October, several of which lingered for a few days.
7th for Isle of May & 25th record for Orkney.
[1999] 1 Tarbat Ness **H** 21-23 October.

Yellow-browed Warbler *Phylloscopus inornatus*

Spring: 1 Brough, Whalsay **Shet** 3-4 May.
Surprisingly this was the first spring record for Shetland and only the second for Britain.
Autumn: First Whalsay 12 September; Fair Is 14 September; OHeb, Ork & Bord 20-22 September; M&N, Arg, NE & Is of May 25-28 September. Almost all were singles except: 2 at West Yell **Shet** on 15 September; 2 Sandwick **Shet** & 2 Sumburgh **Shet** 21 September; 9 **Fair Is**, 5 North Ronaldsay **Ork** & 2 Baltasound **Shet** 22 September; 2 Maywick **Shet** 16 October.
Away from the Northern Isles which dominate the table, there were records from: St.Kilda **OH**, Langass Lodge, North Uist **OH**, Girdleness **NE**, Kilkenneth, Tiree **Arg**, Loch Spynie **M&N** & St.Abbs Head **B** in September; Durness **H**, **Barns** Ness **L**, Bornish, South Uist **OH**, Northbay, Barra **OH**,

Craighead Farm **F**, Girdleness, Foveran **NE**, Mersehead **D&G**, Scurdie Ness **A&D**, St.Abbs & Windyhills **A&D** in October.
Last Is of May 30 September; Bord 6 October; D&G, OHeb & Fair Is 12-14 October; A&D, Loth & Fife 20-23 October; with last single Whalsay on 25 October.
Second record for Moray & Nairn; 32-33rd for Angus & Dundee.

	3-9 Sep	Sep 10-16	17-23 Sep	Sep 24-30	1-7 Oct	Oct 8-14	15-22 Oct	Oct 23-30	31-6 Nov	Total
Shet	0	4	21	11	3	3	7	1	0	50
Fair Is	0	1	13	0	1	2	0	0	0	17
Ork	0	0	5	3	0	1	1	1	0	11
OHeb	0	0	2	0	1	1	0	0	0	4
N Scot	0	0	0	0	0	0	1	0	0	1
NE Scot	0	0	1	1	0	0	2	0	0	4
E/C Scot	0	0	0	2	0	1	0	2	0	5
SE Scot	0	0	0	3	1	0	1	0	0	5
W Scot	0	0	0	1	0	0	0	0	0	1
SW Scot	0	0	0	0	0	1	0	0	0	1
2001	**0**	**5**	**42**	**20**	**6**	**9**	**12**	**4**	**0**	**101**
2000	3	29	49	19	13	6	4	0	2	125
1999	0	0	12	40	17	4	10	4	0	87

Radde's Warbler *Phylloscopus schwarzi*

Singles **Fair Is** 23 September; Sandwick **Shet** 24 September; Foula **Shet** on 25-26 September; **Is of May** on 28 September; Grutness **Shet** & Kergord **Shet** 14 October.
Fifth for Isle of May and first Fair Isle since 1991! 16th-19th for Shetland.

Dusky Warbler *Phylloscopus fuscatus*

Singles **Fair Is** 24 September-4 October; Houl, Fetlar **Shet** 19 October; Foveran **NE** 20 October; Uyeasound, Unst **Shet** 21 October; & Fife Ness **F** 23 October.
Part of a record 24 in Britain included the first record for Fife, third for North-east Scotland, 9th for Fair Isle & the 23rd for Shetland.

Eastern/Western Bonelli's Warbler *Phylloscopus bonelli*

1 Foula **Shet** 2 October did not call and so was considered indeterminate.

Wood Warbler *Phylloscopus sibilatrix*

Spring: First 1 Cathkin Braes **Clyde** 21 April; A&D 22 April; Ayr, Forth, Arg & Loth 28-29 April; Fife, OHeb & P&K 5-7 May; D&G, Clyde Is, High & Bord 11-14 May.
Out of normal range: 1 North Loch Eynort, South Uist **OH** on 9 May & 1 Sloc Roe, North Uist **OH** 20 June.
Breeding: **OHeb** 1m sang Stornoway Woods, Lewis; **M&N** nest found Kellas was the only report; **NE** 2-3 birds Dinnet; **A&D** 2 Glen Esk & 1 Altaltan, Glen Isla; **P&K** fewer Burnam but still frequent Caraig a'Barns, Dunkeld, Inver, Loch Faskally, Spittalfield & Strathbaan, also 5 other sites; **Forth** 4 Glen Lochay, 4mm Aberfoyle & 5 others at 3 sites; **Loth** 2mm Polkemmet & singles Penicuik House, Pitcox & Inveresk; **Bord** 2mm The Batta & singles Dawyck, Elibank, Yair & Pirn Wood; **Arg** 8mm Torrisdale Castle, 6 Taynish, 4 Minard Woods, 4mm Grasspoint, Mull, also 8 other sites; **Clyde Is** 7mm Glenashdale, Arran & 3mm Merkland; **Clyde** 44mm at 13 sites with 10 Rowardennan, 6 Inchcailloch & 6 Salloch; **Ayr** 3mm Knockdolian and singles Dundonald, Penwhapple & Finnarts Bay; **D&G** 3mm Mabie Forest & singles Barney Water, Hensol & Garroch Glen.
Autumn: Last Arg 18 August; first Is of May, Bord, Fife & Shet 19-20 August. Two main phases of passage: 20-30 August & 17-24 September but almost all were singles and as usual there were few birds with just 6 Shet, 2 Fife and singles in A&D, Fair Is, Bord & Is of May. Last birds A&D and Fair Is on 23-24 September with the latest 1 Helendale **Shet** 28 October, very late indeed.

Common Chiffchaff (Chiffchaff) *Phylloscopus collybita*

Winter: January-February singles Troon **Ayr**, Prestwick **Ayr**, Dunglass **B** & Musselburgh **L**.
Spring: First in song Tweedbank **B** 11 March; Clyde, Loth, Ayr, Forth & Is of May 15-24 March; D&G, P&K, A&D, Shet, Ork &Fair Is 28 March-1 April; Arg & High 7-8 April. Widespread thereafter. Small scale fall 28-30 March when 40 **Fair Is**, 38 North Ronaldsay **Ork, 10** Cove **NE**, 7 Bridge of Don **NE** & 3 Whalsay **Shet**; otherwise 22 Fair Is 6 April; 6 St.Kilda **OH** 11 April; 4 Noss **Shet** 26 April; 4 Whalsay 29 April; 4 Out Skerries **Shet** 12 May; 6 **Is of May** 14 May.

Breeding: Best site counts include 44mm Culzean **Ayr**, 15 Cambusdoon **Ayr, 10** Duns Castle **B**, 9 Winchburgh **L**, 8 Kilgrammie **Ayr** and 6-7mm Linn Park **Clyde**, Roslin Glen **L**, Mabie Forest **D&G**, Langbank **Clyde**, Pitmedden **F** & Langlee Woods **B**. 2mm Trumland Wood **Ork** with a family party there 7 August and 3mm sang Stornoway Wood, Lewis.
First fledged young Ork 7 August; Bord 15 August.

Area	sites	terrs
Ork	1	2
OHeb	1	3
M&N	33	52
A&D	19	>19
P&K	8	8
Fife	?	40
Forth	10	16
Loth	34	71
Bord	52	102
Arg	7	7
Clyde Is	11	11
Clyde	58	103
Ayr	43	135
D&G	1	7

Autumn: First passage birds NE 15 August; Loth, Is of May, Shet & Bord 17-22 August; Ork, Ayr & Fair Is 16-17 September. A poor autumn with few large counts - 30 Is of May, 21 Fair Is and 5- 6 St.Abbs Head **B**, Whalsay & Thorntonloch **L** 26-30 September; 10 Whalsay & 10 Fetlar **Shet** 7-9 October; 10 Maywick **Shet** 16 October; 20 Ethie Mains **A&D**, 10 Scurdie Ness **A&D, 7** North Ronaldsay & 5-6 Kilminning **F**, Drums **NE** & Wormiston **F** 19-24 October. Last D&G, P&K, Clyde Is & Ayr 5-19 October; A&D, M&N & Arg 21-28 October; NE & Bord 7-11 November; Fife & Shet 28-29 November.

Winter: 2 Askernish, South Uist **OH** & singles Rossie Is., Montrose **A&D**, Snishival Plantation, South Uist **OH**, Baron's Haugh **Clyde**, Lenzie **Clyde**, Possil Marsh **Clyde**, Cardross **Clyde**, Shewalton **Ayr** & Aberlady **L** in December.

Siberian Chiffchaff *P.c. tristis*
2 Cove **NE** 28 March. 1 **Fair Is** 28 April.
There were 'several' Fair Is in autumn. Singles Hoswick **Shet**, Grutness **Shet** & Howmore, South Uist **OH** 24-29 September; 5 Whalsay **Shet** 9 October; 3 Whalsay & singles Kilminning **F** & Snishival, South Uist **OH** 20-26 October; 1 Helendale **Shet** 11 November. 1 Finstown **Ork** 21 December.

Northern Chiffchaff *P.c. abientinus*
2 Bridge of Don **NE** 29 March; 7-26 daily **Fair Is** in late April.
'Many' **Fair Is** from late September. 1 Heylipol, Tiree **Arg** 4-5 December & 1 Kenovay, Tiree **Arg** 18 December.
'northern' birds (*tristis/abietinus*): singles Toab **Shet** & Boddam **Shet** 26 & 30 September; 3 Herston, South Ronaldsay **Ork**, 2 Kirkwall **Ork** & 4 singles elsewhere Ork 6-10 November.

Willow Warbler *Phylloscopus trochilus*

Spring: First 3 Glasgow Botanic Gardens **Clyde** & 1 Caerlaverock **D&G** 2 April; Arg ,NE, Bord, Clyde Is, Fife, Ayr & Loth 3-5 April; P&K, A&D, OHeb, Is of May, High & Forth 7-12 April; M&N, Shet, Ork & Fair Is 17-25 April. Bet counts were 25 **Is of May**, 21 Sanda **Arg**, 20 Aberlady **L**, 15 St.Abbs Head **B** & 14 **Fair Is** on 24-27 April; 16 Musselburgh **L** 4 May; 50 Is of May & 15 St.Abbs 14-17 May. 7 reached St.Kilda **OH** in May.

Breeding: Best territorial counts include: 127 Glen Fruin **Clyde**, 108 Glen Douglas **Clyde**, 88 Taynish **Arg**, 60 Vane Farm **P&K**, 54 Lochwinnoch **Clyde**, 50 Cardowan Moss **Clyde**, 47 Tombuie **P&K**, 37 Elrick Hill **NE**, 36 Culzean **Ayr**, 32 Waterside **Ayr**, 32 Mabie Forest **D&G**, 31 Shankend **B**, 30 Loch of Kinnordy **A&D**, 30 Linhouse Glen **L** & 26 Aberlady **L**.
The Loch Spynie *CES* **M&N** showed just 46% juvs (57% in 2000).
Fewer returned St.Margarets Marsh *CES* **F** and juvenile numbers were down 25%. First fledged Ork 22 June.

Area	sites	terrs
Ork	10	13
OHeb	15	31
M&N	3	43
P&K	2	107
Fife	7	100
Forth	10	16
Loth	34	71
Bord	19	199
Arg	3	101
Clyde	84	1036
Ayr	9	116
D&G	2	46

Autumn: Post-breeding flocks featured 20 Thirlstane Castle **B** & 10 Lindean Mill **B** 12 & 22 August. Last on territory D&G 31 August; A&D 5 September; Loth 26 September.
Major fall 19-24 August when 200 Is of May, 100 Fife Ness **F**, 50 Fair Is, 30 at Ethie Mains **A&D**, 30 St.Abbs Head, 25 Kincraig Head **F**, 20 Unst **Shet**, 20 at Sumburgh **Shet**, 19 Eyemouth **B**, 19 North Ronaldsay **Ork**, 18 Whalsay **Shet**, 18 Fetlar **Shet**, 10 Collieston **NE** & 6 Thorntonloch **L**. Then only minor numbers until a brief flurry 22-23 September when 18 Foula **Shet**, 5 St.Abbs & 5 North Ronaldsay.

Last P&K, Clyde, Clyde Is & Arg 26-30 September; NE 4 October; Is of May, Bord, Fair Is & OHeb 14-18 October; M&N, A&D, Fife & Ork 22-24 October with the latest single Whalsay on 27 October.

Northern Willow Warbler *P.t.acredula*
1 Girdleness **NE** 21 May.

Goldcrest *Regulus regulus*

Winter/Spring: Singles wintered Kergord **Shet**, Queenamidda **Ork**, Langskaill **Ork** & North Loch Eynort, South Uist **OH** in January.
Small scale fall 29 March-4 April with 25 Bridge of Don **NE**, 20 **Is of May**, 5 Whalsay **Shet** & 4 North Ronaldsay **Ork** . Otherwise 2 St.Kilda **OH** 13-14 April; 8 Sanda **Arg** 17 April; 7 **Fair Is** 24 April.
Breeding: Few significant reports but bred Kergord **Shet**, managing a second brood and also bred Lyrawa, Hoy **Ork**. The best site counts otherwise were 40 Devilla Forest **F** & 7 Pease Dean **B** and there was just a single pair Taynish **Arg** where 6 pairs in 2000, victims of the cold winter.
First fledged young Shet 4 June; Arg 17 June; Clyde Is 4 August.
Autumn/Winter: 30 Keir Loch **F** & 17 Moor Loch **F** 6 September were reasonable post-breeding flocks.
Limited fall 22-26 September with 80 Is of May & 65 St.Abbs. 74 North Ronaldsay 18 October. Then major fall 22-24 October with 4,000 Is of May, 1,000 Ethie Mains **A&D**, 500 Fife Ness Muir **F**, 300 St.Abbs Head, 104 Barns Ness-Thorntonloch **L**, 100 Balcomie **F** & 80 Donmouth **NE**.
1 Queenamidda and 'several' Ben Risary, North Uist **OH** in December.

Firecrest *Regulus ignicapilla*

Spring: 1 **Is of May** 1-2 April; 1 Loch Gelly **F** 28 April.
Autumn/Winter: Singles St.Abbs **B** 15 September; Is of May on 20 September; Clynelish Moss **H** on 14 October; Muchalls **NE** on 19 October; Barns Ness **L** on 20-21 October; and at Cruden Bay **NE** on 25-27 October. 1 St.Abbs 15 December is rather late, but not unprecedented.
6th for Lothian, 15th-17th for Isle of May; 23rd-24th for North-east Scotland; 33rd-34th for Borders.

Spotted Flycatcher *Muscicapa striata*

Spring: First Craignish **Arg** 28 April; Bord & Ayr 6-7 May; P&K, A&D, M&N, Fair Is, Clyde, Is of May & Shet 10-14 May; Fife, Loth, OHeb, Clyde Is, Caith, Ork, D&G, High, NE & Forth 17-31 May. Mostly singles on passage with 2 **Is of May** 14 May; 3 St.Abbs Head **B** & 2 Fife Ness **F** 17-18 May; 2 St.Kilda **OH** 22 May; 8 **Fair Is** 24 May; 2 Fetlar **Shet** 26 May.

Breeding: Few sites with any real numbers, the best territorial counts being 7 pairs Cambusddon **Ayr**, 6 Glen Esk **A&D**, 5 pairs Taynish **Arg**, 4 pairs Daljarrock **Ayr**, Failford **Clyde** & Mersehead **D&G** and 3 pairs Kirkhill Wood **M&N**, Vane Farm **P&K**, Whithaugh Park **B** & Merkland Wood, Arran **Clyde Is**. Some declines noted at Forres **M&N**, Kirkpatrick Durham **D&G** & Glentrool **D&G**.
Successful nests seen with 12br30 Bord, & 5br17 Ayr. First young fledged: Bord 3 July; Clyde Is 16 July; Clyde 17 July; A&D & Ork 28 July; D&G on 4 August.

Area	sites	terrs
Ork	2	2
OHeb	1	2
A&D	15	19
P&K	17	19
Fife	8	9
Forth	6	7
Loth	15	16
Bord	74	94
Arg	25	29
Clyde Is	5	5
Clyde	22	38
Ayr	43	64
D&G	8	13

Autumn: In excess of 50 birds were at The Hirsel **B** 5-6 August, evidently a very successful season there.
No great numbers of passage birds with maxima of 8 Craigmill Den **A&D** 19 August; 6 Goosepools **F** 30 August; 4 St.Abbs & 3 Auchmithie **A&D** on 22-23 September; 3 Is of May 27 September.
Last P&K, Loth, M&N, Clyde Is & Ayr 6-16 September; Arg & Clyde 27-30 September; Fair Is & High 2-4 October; A&D, Fife, NE, Ork & Shet 15-19 October with last 1 at St.Abbs on 21 October.

Red-breasted Flycatcher *Ficedula parva*

	1-15 Aug	16-31 Aug	1-15 Sep	16-30 Sep	1-15 Oct	16-31 Oct	Total
Shetland	0	0	0	4	2	1	7
Fair Isle	0	0	0	2	0	0	2
Orkney	0	0	0	2	3	1	6
OHeb	0	0	0	1	3	0	4
A&D	0	0	0	1	0	0	1
Is of May	0	0	0	1	0	0	1
2001	**0**	**0**	**0**	**11**	**8**	**2**	**21**
2000	1	0	2	19	6	3	31
1999	0	0	0	12	0	4	16
1998	0	0	10	15	9	0	34

Spring: Singles Lady, Sanday **Ork** 23 May & Maywick **Shet** 29 May.

Autumn: Singles on **Fair Is** and **Is of May** 18-19 September; Skaw, Unst **Shet**, North Ronaldsay **Ork** and Dale of Walls **Shet** on 21-23 September; St. Kilda **OH** & Ethie Mains **A&D** 24-25 September; Fetlar **Shet**, Voe **Shet**, Fair Is, Out Skerries **Shet** & North Ronaldsay 26-28 September.

Short gap until further singles Uigen, Lewis **OH**, Queenamidda **Ork** & Castlebay, Barra **OH** 3-4 October; West Yell **Shet**, Howmore, South Uist **OH** & Fetlar 7-9 October; Ley House, Hoy **Ork** & Herston, South Ronaldsay **Ork** 13-14 October; Norwick **Shet** 17 October & Sand Geo, North Ronaldsay **Ork** 21 October.

Unusually only found on the islands with just one on the mainland. 25th-28th for Outer Hebrides.

Pied Flycatcher *Ficedula hypoleuca*

Spring: First 1 Torran, Loch Awe **Arg** 7 April. P&K, Is of May & Clyde 23-27 April; Ayr, D&G, Forth & Shet 1-7 May; Fair Is & Ork 9-12 May. Very few coastal migrants with just 11 Fair Is, 4 Ork, 3 Shet, 2 NE & singles Is of May & OHeb with none Fife, Loth & Bord.

Maximum count was 3 **Fair Is** 17 May; and a single reached Northbay Plantation, Barra **OH** 6 June. Worst-ever spring for Shetland and very poor Fair Isle.

Area	sites	terrs	MBP
A&D	1	1	
P&K	4	4	
Forth	2	18	5.3
Bord	6	7	
Arg	1	4	
Clyde	6	42	5.5
Ayr	1	1	
D&G	4	16	1.9

Breeding: The poor spring evidently led to a shortage of breeding birds with reductions from 2000 noted at Trossachs **Forth** (27 pairs in 2000 down to 18 in 2001), Bonawe **Arg** (12 to 4), Sallochy **Clyde** (25 to 19), Inversnaid **Clyde** (16 to 10) and Glentrool **D&G** (8 to 6).

Forth 18 pairs Trossachs colony reared 65 young with 11 pairs at Glen Finglas managing 7br31 while 4 pairs **Arg** Bonawe had 1 brood starving to death, 2 predated by Pine Marten and other fledging 8, the worst year since the project started in 1988; **Clyde** 19 pairs Sallochy had 16br82, 10 pairs Inversnaid managed 9br65, 5 pairs Kenmore Wood, Tarbet reared 4br19, 4 pairs Comer Estate fledged 3br20; **D&G** 6 pairs in Glentrool (8 in 2000) reared just 15 reared, the third poor year in succession.

Autumn: Widespread influx 19-24 August, best counts were 200 **Is of May**, 10 St.Abbs-Burnmouth **B**, 10 Fife Ness **F**, 7 Seaton **A&D**, 5 Fetlar **Shet**, 4 Skaw, Unst **Shet**, 4 Collieston **NE** 4 Balmedie **NE** , 3 Whalsay **Shet**, Eswick **Shet**, 3 Seafield **Shet** & 3 Thorntonloch-Torness **L** .The best on Fair Is over this period was just 7 birds, symptomatic of one of the poorest autumns on record there with just 56 bird days. Another smaller flurry of migrants cam through on 20-26 September but mostly single birds with 4 Fair Is & 2 Brevig, Barra **OH**, St.Abbs Head **B** & North Ronaldsay **Ork**. Last A&D, Fife, Clyde & Loth 10-24 August; Is of May & Fair Is on 27-28 September; OHeb 4 October; NE & Shet on 14-16 October; latest 1 St.Abbs 28 October.

Bearded Tit *Panarus biarmicus*

Winter/Spring: 3 (2mm) Loch Spynie **M&N** 14 January; recorded Tay Reedbeds **P&K** in February.

Breeding: **M&N** 1m seen Loch Spynie 27 July, another heard there 31 July; **P&K** 25-35 pairs estimated.

Autumn/Winter: noted Tay Reedbeds in August; 18 Cairnie Pier **P&K** 21 October

Long-tailed Tit *Aegithalos caudatus*

Winter/Spring: Best January-February flocks: 50 Baron's Haugh **Clyde**, 40 Sanquhar Loch **M&N**, 32 Midross **Clyde**, 30 Flanders Moss **Forth**, 20+ Devilla Forest **F**, 20 Tweedbank **B**, 18 Lochwinnoch **Clyde** & 18 Weem **P&K** with the best elsewhere Ayr 12 & Arg 11.

Breeding: Very few accounts but 3 pairs bred Colonsay House, Colonsay **Arg**, the first breeding for the island, and also bred on Mull **Arg** at Quinish & Lochdon. Best regions were 25 pairs at 20 sites in **Clyde** & 22 pairs at 19 sites **Bord** but otherwise best site totals were just 2 pairs Aberlady **L**, Roslin Glen **L**, Vogrie **L**, Glenmead **B**, Pease Dean **B** & Southpark **B**. First broods Ayr 16 May; Bord 28 May; Clyde Is 29 May. Largest brood: br16 Whithaugh Park **B**.
Autumn/Winter: Maximum flocks were 50 Tossidale **Arg**, 48 Bridge of Brown **M&N** & 20 Bavelaw **L** in June-July; 50 Helensburgh **Clyde**, 30+ Lochdon **Arg**, 25 Sandbraes, Arran **Clyde Is** & 20+ Markinch **F** in August-September; 30 Lochwinnoch, 27 Kinnordy **A&D**, 26 Lein **M&N**, 25 Clochan **M&N**, 25 Cove **NE**, 25 Nunholm **D&G**, 23 Dundee **A&D**, 23 Caerlaverock **D&G** & 21 Carradale **Arg** & 21 Campbridge **L** in October-December. Elsewhere - M&N, Ayr & Bord 12, Forth & P&K 11.
The mean of the 10 largest Clyde flocks was 26.3 (1987-2001 mean 23.2) suggesting a good season.
Increasing numbers of report of birds at feeders with comments made M&N, Forth, NE, Fife & Bord.

Marsh Tit *Parus palustris*

Marsh Tit, The Hirsel, Borders

Breeding: **Bord** were seen Hirsel all year with br3 on 7 July, also pair noted Dunglass on 16 April, the first record there for some years.
Non-breeding: 1-3 birds were seen Abbey St.Bathans **B**, North Merchiston **B**, Ancrum **B** & Whitehill **B** during January-March and at St.Abbs Head **B** and Whithaugh Park **B** during September-December.
Away from the Borders there was a single at Glenziefoot, near Canonbie **D&G** 13 February.

Willow Tit *Parus montanus*

Winter/Spring: 5 Castle Loch, Lochmaben **D&G**, 4 Bogton Moss **Ayr**, 2 Baron's Haugh **Clyde**, 2 Stroan Loch **D&G** and singles Caerlaverock **D&G** & New Galloway **D&G** in January-February.
Breeding: **Clyde** br8 Eastmuir Plantation, br3 Garrion Gill, br6 Millburn Glen with single mm at Greenhead Plantation, Upper Millburn Glen & Coltness; **D&G** present Hensol & Kenmure, Loch Ken all year, bred Wood of Cree, 1 possibly seen feeding young at Caerlaverock 12 June; also singles Benna 19 June & Loch Lurkie 29 August.
Autumn/Winter: 4 Caerlaverock & 2 Kirrouhgtree Forest **D&G** in September; 2-4 Loch Ken 22 November; 1 Hightae Loch **D&G** 10 December.

Crested Tit *Parus cristatus*

Winter/Spring: Singles Culbin Bar **M&N**, Loch na Bo **M&N** & Sleppieshill Wood **M&N** in January.
Breeding: **High** 4 pairs bred at 3 sites; **M&N** reduced coverage but 3 pairs Culbin Forest with 2 nests predated, 6 pairs in Lossie Forest (12 in 2000) with 1 nest deserted & 1 predated, the remainder with MCS 6.0 and MBP 3.7. Reasons for reduction in pairs is not known. 1 Monaughty Forest 29 May is outside usual range. Reported all year Wood of Dundurcas.
Autumn/Winter: 1 Conicavel **M&N** in August.

Coal Tit *Parus ater*

Winter/Spring: 20 Devilla Forest **F** & 15 Minard Woods **Arg** in January-February.
Breeding:9 pairs Whithaugh Park **B** (7 in 2000), 6 pairs Roslin Glen **L** (7) & 4 pairs Taynish (5). Best regional total was Clyde with 31 pairs at 12 sites. First fledged: Bord 10 June.
Autumn/Winter: Post-breeding flocks: 50 Goosepools **F** 30 August; 120 in 2 flocks Keir Loch 6 September; 26 Kilconquhar Loch **F** 16 September.
Possible passage with 10 Cruden Bay **NE**, 7 St.Abbs Head **B** & 26 at St.John's **Caith** 14 October that were thought to be *ater* from the continent.
40 Montreathmont **A&D** & 20 Logie Coldstone **NE** in November- December.

Blue Tit *Parus caeruleus*

Winter/Spring: Best counts of 39 Tweedbank **B**, 30 Lochore Meadows **F**, 30 in Devilla Forest **F** and 24 Lochwinnoch **Clyde** in January.

Breeding: 36 pairs Roslin Glen **L** (with 34 in 2000), 22 Taynish **Arg** (23), 14 Vane Farm **P&K** (16) and 12 Whithaugh Park **B** (10). Other good territorial counts include 20 Southpark Wood **B**, 14 Pease Dean **B** & 12 Lochwinnoch **Clyde**. 31 pairs Bonawe **Arg** had 20 broods destroyed by Pine Marten & 5 broods by Great Spotted Woodpecker with just 6 fledging. First fledged Forth on 17 June; Caith on 18 June; Bord 20 June; Ayr 23 June.

nest box schemes	prs	MCS	MBS 1999	MBS 2000	MBS 2001
Lossie Forest **M&N**	13	8.0	3.8	?	?
Culbin Forest **M&N**	4	-	-	-	2.3
L.Spynie **M&N**	9	9.0	6.7	8.0	8.7
Braefoot **F**	22	-	6.8	6.0	6.4
Bonawe **Arg**	31	-	-	8.0	5.8
Inversnaid **Clyde**	7	-	-	4.8	8.3
Comer **Clyde**	7	-	-	-	6.3
Auchencastle **D&G**	13	-	-	-	5.0
Bankend Wood **D&G**	5	-	-	-	6.4
Dyke Farm **D&G**	3	-	-	-	4.6

Autumn/Winter: 250 Inverkeithing **NE**, 32 Castle Loch, Lochmaben **D&G**, 25 Peppermill Dam **F** & 23 Inverugie **NE** in September-October; 30 Linhouse Glen **L** in November.

Extralimital: 1 juv Uig, Lewis **OH** 25 September-19 October was outside the usual range.

Great Tit *Parus major*

Winter/Spring: Best January-April counts - 20 Tweedbank **B**, 18 Calderwood **L** & 12 Campbridge **L** .

Breeding: 18 pairs Roslin Glen L (17), 10 Taynish (12) with 12 Vane Farm **P&K** & 9 Inversnaid **Clyde**. Best regional total was 69 pairs **Clyde** at 23 sites. 14 bred in Bonawe **Arg** boxes but 6 were destroyed by Pine Marten & 2 by Great Spotted Woodpecker. First fledged young Bord 27 May - late brood Bord 10 August.

nest box schemes	prs	MCS	MBS 1999	MBS 2000	MBS 2001
Lossie Forest **M&N**	9	6.2	4.2	??	??
L.Spynie **M&N**	14	6.0	6.0	2.6	2.5
Culbin Forest **M&N**	2	6.0	0.8	4.3	5.1
Braefoot **F**	18	6.9	5.3	4.7	6.3
Bonawe **Arg**	14	-	-	6.8	6.8
Inversnaid **Clyde**	8	-	-	-	6.0
Comer **Clyde**	4	-	-	-	6.5

Autumn: 20 Corrie, Arran **Clyde Is** & 15 Linhouse Glen **L** in September-November.

Extralimital: 3 vagrants to **Shet/Fair Is** January-April with 7 there October-November.

Wood Nuthatch (Nuthatch) *Sitta europaea*

Breeding: **Bord** Birds were reported from 35 sites in 2001, including birds at 13 new sites, most were in-filling the main range but there were notable range extensions in the west to Peebles and Broughton Place and in the north to Earlston and Mellerstain, the best sites were 6 pairs Earlston, 6 pairs Mellerstain House, 5 nests The Hirsel, 3 pairs Abbotsford & 3 pairs Whithaugh Park to total of 17 noted young in 6 broods were seen 19 June-8 July;

D&G noted at 16 sites with notable range expansion to Beattock (4 sites) & Moffat (2 sites), nests were seen in Garroch Glen & at Livingstone, Loch Ken.

Extralimital: **A&D** 1 Craimill Den 3 January was third record for Angus & Dundee; **P&K** 1 was killed by a cat at Dunkeld in early September was the first county record for many years; **Clyde Is** 1 seen at Auchencairn, Arran on 5 May is the first record for the island; **Ayr** singles were seen Dunduff & Colyton in May with 2 Stanecastle, Irvine in July & 1 Failford in August, all in the vicinity of feeders.

The first breeding record cannot be far away in Ayrshire.

Nuthatch Whithaugh Park Borders

Eurasian Treecreeper (Treecreeper) *Certhia familiaris*

Winter/Spring: Few large counts but 5 Devilla Forest **F** in January & 5 Kilconquhar **F** in April.
Breeding: The best regional totals were **Bord** 27 pairs at 21 sites and **Clyde** with 19 pairs at 12 sites. The best territorial counts were 6 Roslin Glen **L**, 5 Langbank **Clyde**, 4 Lossie Forest **M&N** & 4mm Duns Castle **B**. A pair bred in Stornoway Woods, Lewis OH while 3 pairs in the Culbin Forest boxes had 2 nests predated. First fledged young seen Bord 12 June; OHeb 4 July.
Autumn/Winter: 6 The Lurgies **A&D** & 6 Forter **A&D** in August-September; 7 at Castle Loch **D&G**, 7 The Hirsel **B**, 5 Goosepools **F**, 5 Abbotsford Wood **B** & 5 Dunottar Woods **NE** in October-December.
Extralimital: 1 Quoyburray **Ork** & Tankerness **Ork** 9-10 April; singles **Is of May** on 11 September & 16 October; 1 Green Farm, Eday **Ork** 19-24 October.

Continental Treecreeper *C.f.familiaris*

1 North Ronaldsay **Ork** 18 October; 1 Helendale **Shet** 24-27 October.

Eurasian Golden Oriole (Golden Oriole) *Oriolus oriolus*

1 Voe **Shet** 29 May; 1 f/imm Kergord **Shet** 3 June with another there on 26 June.

Red-backed Shrike *Lanius collurio*

Spring: A quiet spring with 1 Sanday **Ork** 5 May; 4 **Fair Is** 8-17 May, max 2 on 10 May, Singles Spiggie **Shet**, Gorie, Bressay **Shet**, Dunottar **NE**, Out Skerries **Shet** & Fetlar **Shet** 11-13 May; 1 Mersehead **D&G** 30 May; 2 Fair Is 15-18 June.
Breeding: 1 Ballindalloch **M&N** 11-12 June was in suitable habitat but no hint of breeding.
RBBP reports another site in 'Scotland N' with male in suitable habitat on 9 May.

	1-15 May	16-31 May	1-15 Jun	16-30 Jun	1-15 Jul	16-31 Jul	1-15 Aug	16-31 Aug	1-15 Sep	16-30 Sep	1-15 Oct	16-31 Oct	Total
Shet	4	0	0	0	0	0	0	7	0	2	1	1	**15**
Fair Is	3	1	0	0	1	1	0	1	2	0	0	0	**9**
Ork	1	0	0	0	0	0	0	0	0	0	1	0	**2**
N Scot	0	0	0	0	0	1	0	0	0	0	0	0	**1**
NE Scot	1	0	1	0	0	0	0	2	0	1	0	0	**5**
E/C Scot	0	0	0	0	0	0	0	2	0	0	0	1	**3**
SW Scot	0	0	0	1	0	0	0	0	0	0	0	0	**1**
2001	**9**	**1**	**1**	**1**	**1**	**1**	**0**	**12**	**2**	**3**	**2**	**2**	**36**
2000	1	25	18	6	1	1	0	3	9	17	8	0	87
1999	2	28	4	0	0	0	2	8	1	8	0	2	55
1998	30	53	13	6	1	1	0	1	22	14	13	1	155

Autumn: Small fall 19-23 August with singles Noss **Shet**, Gorie, **Is of May**, Collieston **NE**, Norwick **Shet**, Whalsay **Shet**, Rattray Head **NE**, Out Skerries, Eshaness **Shet** & Fife Ness **F** with singles Balnakeil **H** on 26 August, Fair Is 30 August & Out Skerries 31 August.
A trickled followed with singles Fair Is 9 & 12 September; Haroldswick **Shet** 17 September; Out Skerries & Bridge of Don **NE** 28 September; Scatness **Shet** 1 October; Sangar, North Ronaldsay **Ork** 10 October; Earlshall **F** 19 October & Fladdabister **Shet** 27 October. A very poor year.

Long-tailed Shrike *Lanius schach*

[2000] 1st-w Howmore, South Uist **OH** 3-4 November, probably of the race *erythronotus*.
First record for Britain.

Woodchat Shrike *Lanius senator*

1 1st-w Skaw, Unst **Shet** 25 September.

Lesser Grey Shrike *Lanius minor*

1 1st-w Girdleness **NE** 10 October. *Second record for North-east Scotland.*

Great Grey Shrike *Lanius excubitor*

Winter/Spring: 1 Flanders Moss **Forth** 5 January-11 February; 1 Carron Valley **Clyde** 2-13 February & 1 Lunan Bay **A&D** 3 April; 1 Beil of Duncansby **Caith** 26 May.

Autumn/Winter: 1 Fetlar **Shet** 21 September; 1 Carpaquoy **Ork** 16 October. A minor fall occurred with singles Fetlar, Veensgarth **Shet**, Egilsay **Ork**, North Ronaldsay **Ork** (2), Hatterseat **NE**, Cairnie Pier **P&K**, Old Rattray **NE**, Clicknafae, Hoy **Ork** & Holm **Ork** 19-22 October with further singles **Is of May**, West Seaton **A&D**, Sumburgh Head **Shet**, Seafield **Shet**, Redcastle **A&D**, Scoursburgh **Shet** & Cruden Bay **NE** on 23-25 October with late singles at Graemehall **Ork** & Fannyside Muir **Clyde** on 31 October, the latter bird into 2002. Later singles from Findhorn **M&N** 10-11 November, Hill of Fare **NE** 17 November, Rumster Forest **Caith** 23 November & Kilbirnie Loch **Ayr** 25 December.

Eurasian Jay (Jay) *Garrulus glandarius*

Area	sites	summer	winter
M&N	15	5	10
P&K	4	1	3
Fife	19	7	12
Forth	31	?	?
Loth	11	3	11
Bord	35	7	28
Arg	24	3	22
Clyde	48	18	38
Ayr	14	7	7
D&G	5	2	3

There were very few confirmed breeding reports but birds bred Levenmouth **P&K** & Mugdock **Clyde**. 1 Aros Park, Mull **Arg** was only the 3rd record for the island; bred Arecleoch Ayr.

An autumn influx took place into mid-Argyll with up to 3 birds being seen at 10 sites from 19 September.

Largest counts: 10 Folly Wood **B** in January; 7 Rannoch School **P&K** in March; 9 Carron Valley **Clyde**, 8 Pitmedden Forest **F**, 7 Achnasheen **D&G** & 5 Baldragon Wood **A&D** in August; 5 Dunoon **Arg** in September; 10 Wood of Cree **D&G** in October; 13 The Hirsel **B** in November; 7 Loch Ard **Forth** & 6 Comrie **P&K** in December. There was a possible migrant at Denburn Wood **F** on 23 October.

Black-billed Magpie (Magpie) *Pica pica*

Many areas are still reporting an expansion of the population with comments such as 'consolidation in Angus' **A&D** 'with further sightings in new areas'; seen 12 sites **P&K** with 'increase in records at Vane Farm'; 'some spread' **Fife**; 'now widespread around Falkirk **Forth**; 'spread continues with main range approaching Peebles & Galashiels from the north and Jedburgh from the south' in **Bord**; 'pair bred Dunoon where most records originate, 'although there were a few reports now from Kintyre' **Arg**; '6 records Bute, where a rare visitor' **Clyde Is**; 'range expansion Crawfordjohn' **Clyde**; 'spread south progresses' **Ayr**. Also 1 Strathhalladale **Caith** in June.

First fledged Arg 11 April was exceptionally early, also Loth on 23 May.

Assemblies: 35+ Shewalton **Ayr**, 30 Camelon **Forth**, 27 Lambhill **Clyde**, 27 Heritage Park, East Kilbride **Clyde**, 25 Manor **B** &15 Linlithgow **L** in January-February.

42 Airthrey roost **Forth** & 11 Midmar **NE** in December.

Extralimital: 1 Quoyness, Hoy **Ork** 2 October was the 13th record for Orkney.

Red-billed Chough (Chough) *Pyrrhocorax pyrrhocorax*

Breeding: **Arg** 17 sites Colonsay & Oronsay had 12 successful pairs and reared 29 young (MBP 1.71), 15 sites Islay had 10 successful pairs where 25 were fledged (MBP 1.71), a single adult was seen on Mull in June **D&G** pair bred at the usual site and fledged 3 young on 21 June.

Winter: 40 Oronsay in January - February; 91 Islay **Arg** roost during February; 1 Cairnryan **D&G** on 4 February; 4-5 flying & calling off Lochranza, Arran **Clyde Is** 5 July continues the occasional reports from Arran; 4 Dunskey Castle **D&G** 22 July. 80 Colonsay, 52 Smaull, Islay **Arg** & 48 Ardnave, Islay **Arg** in October.

Eurasian Jackdaw (Jackdaw) *Corvus monedula*

Breeding: Few significant counts but nesting on motorway lights along the M8 with 37 pairs at Hillington & 12 pairs at Riddrie **Clyde**. First fledged young Bord 12 June; Clyde Is 25 June.

A few stragglers reach **Shet** & **Fair Is** with 3 birds in January, 5 in May, 3 in Jul & 2 in September.

Roosts/Flocks: 4,000 Borlick **P&K**, 1,000 Martnaham **Ayr**, 950 Duddingston **L**, 350 Millichen **Clyde** & 300 Dufftown **M&N** in January-February; 4,000 Lowood **B**, 900 Peebles **B**, 800 Hoggan-

field Loch **Clyde**, 700 Dillarsburn **Clyde**, 650 Kingarth, Bute **Clyde Is**, 500 Kinnordy **A&D**, 350 Bridge of Allan **Forth** & 300+ Ardeer **Ayr** in November-December.

Eastern Jackdaw *C.m.sommeringii*
1 resembling this race was still at Maidens **Ayr** from 2000 to at least 1 January; 1 Templehill Troon **Ayr** on 6 January; 1 Skaill, Sandwick **Ork** 24 February; 2 Gott **Shet** 28 April.

Rook *Corvus frugilegus*

Breeding: **Shet** 199 AONs Kergord **Shet** & 64 Stornoway Wood **OH** are the only sites in their respective recording areas. 442 nests in 9 colonies on Islay **Arg** (364 in 2000 & 326 in 1999); 25 pairs Vane Farm **P&K** (11 in 2000); 151 nests in NT37, Musselburgh **L** (117 in 1999). The best regional counts were 1,857 nests at 52 rookeries **Clyde** & 537 at 18 sites **Ayr**. First fledged Bord 11 May.
Roosts/Flocks: 4,000 Martnaham Loch **Ayr**, 2,500 Langlee **B**, 1,300 Ecclaw Hill **B**, 1,000 Borlick **P&K**, 1,000 Dufftown **M&N** & 800 Kingholm Quay **D&G** in January-February. 1,200 Knightsward **D&G**, 3,000 Drumnagorrach **M&N**, 1,200 Knightsward **D&G**, 1,200 Airthrey **Forth** & 1,000 Dillarburn **Clyde** in November-December.
Extralimital: 30 Raewick **Shet** in January; 20 **Fair Is** March-May, peak 7 there 21 April; 1 St.Kilda **OH**, 2 Oronsay **Arg** & 3 Machrins, Colonsay **Arg** in April; 1 Vesaquoy **Shet** in June; 9 Whitehouse, Tiree **Arg** & 1 Fair Is in November; 20 Corriecravie, Arran **Clyde Is** in December.

Carrion Crow *Corvus corone*

Breeding: 1 summered **Fair Is** & 1 nest Bass Rock **L**. First fledged Bord 15 June.
Roosts/Flocks: 196 Invergowrie Bay **P&K**, 180 Tayport **F**, 100 Berwickshire coast **B**, 100 Loch na Bo **M&N**, 100 Dufftown **M&N** during January-March; 124 Findhorn Bay **M&N**, 123 Millichen **Clyde**, 94 Ethie Mains **A&D** & 80 Lochwinnoch **Clyde** in September-December.
Passage peak Fair Is, 27 in May.
Out of range: Small numbers (1-4) seen at Aird an Runair, North Uist **OH** & St.Kilda **OH** in May and on a few occasions on Colonsay, Tiree & Islay **Arg** during September-November . Also seen at 4 sites **Ork** in February, North Ronaldsay March-May & Birsay Bay in June.

Hooded Crow *Corvus cornix*

Breeding: **Ork** 5 pairs Birsay Moors & 4 pairs The Loons; **OHeb** 3 pairs bred Monach Is., 2 pairs bred St.Kilda; **M&N** 9 singles through year; **Forth** seen 8 sites in usual range - Loch Katrine-Glen Lochay area; **Arg** 1 pair Taynish (mean 2), 5 pairs Colonsay, 3 pairs Sanda (mostly unsuccessful) & pair with br5 Lunga indicates breeding on Treshnish Is.; **Clyde** widespread reports in Loch Lomond area with max count 18 Glen Douglas in January & 11 Inveruglas-Sloy in October.
First fledged young OHeb 22 May.
Largest flocks: 100 Durkadale **Ork** in January; 65 Clyde Is, 46 Arg, 30 Shet.
Best count of passage birds on Fair Is were 9 on 2 May & 14 on 19 October with 12 Hillwell **Shet** in May.
Out of range: 1-2 Forter **A&D**, Dunfermline **F**, Summerston **Clyde**, Portencross **Ayr**, Doonfoot **Ayr** & Garnock Floods **Ayr** in January; Dalrymple **Ayr**, Hunterston **Ayr** & Dreva **B** in April; Dumbarnie Links **F** in May; Duchal Moor **Clyde** in June; Leadburn **B** in August; Halbeath **F** in September; and Langholm **Clyde** in December.

Hybrids/mixed pairs: **Shet** 1 hybrid Hermaness in May; **Fair Is** 1 hybrid in December; **Ork** 1 hybrid Deerness in July & at Toab & Holm in September & Dale in November; **M&N** monthly mean counts at Lossie Estuary were 26 Carrion, Hooded 0.4 & hybrids 2.0 - mixed pair produced 2 hybrid young; **P&K** 13 of 15 Pubil, Glen Lyon were Hooded; **Forth** mixed pair Finglas with hybrids at Lecropt & Loch Katrine; **Loth** hybrids noted at 7 sites in Edinburgh through the year; **Bord** 1 of 30 in Broughton-Biggar was hybrid - remaining were Carrion; **Arg** *c.*10% of crows in Dunoon are wholly *corone* while 20% show *corone* features; **Clyde** 1-2 birds Millichen, Ardmore, Helensburgh, Garelochhead, Lochwinnoch & Glen Fruin; **Ayr** 1-2 birds Doonfoot, Hawking Craig & Mosshill in May, Kilbirnie in October & Shewalton in December; **D&G** hybrids Portpatrick in May & Corriedoo in July.

Raven *Corvus corax*

Breeding: **Shet** 9 pairs Fetlar with 3 pairs both Noss & Hermaness; **OHeb** bred at least 20 sites including Eilean Mor, Flannan Is. & Shillay Lighthouse, Monach Is. but no confirmed breeding St.Kilda despite 1-3 birds; **A&D** records doubled to 30 reports, despite restrictions; **P&K** reported 26 sites but just 2 breeding reports, although numbers increasing; **Fife** increase in records but just 9 seen; **Forth** Pine Marten predation was suspected for some failed sites; **Bord** increase to records at 30 sites but no confirmed breeding; **Arg** bred Treshnish Is; **Clyde** 6 pairs Renfrewshire had 5br11, 3 pairs were successful West Dunbartonshire; **D&G** seen 27 sites but just 2 breeding reports at Glenwhan & Port o'Warren. First fledged Fair Is 3 May.

	Occupied nests	Sites failed	Success nests	Young fledged	MBS
Fetlar **Shet**	9	?	9	10	1.3
Mainland **Ork**	34	7	23	60	2.6
Elsewhere **Ork**	*10*	*?*	*4*	*13*	*3.2*
Forth	12	5	7	13	1.9
Colonsay **Arg**	8	2	6	14	2.3
Cowal **Arg**	12	0	12	19	3.3
Mull **Arg**	16	0	16	48	3.0
Bute **Clyde Is**	3	?	3	11	3.3
Clyde	9	1	8	11	?
Ayr	7	1	6	5	1.6

Roosts/Flocks: 90 Tobermory, Mull **Arg**, 69 Thornlybank Hill **Clyde**, 56 at Rueval, Benbecula **OH**, 45 Unst **Shet**, 40 Bute, **Clyde Is**, 56 Rueval, Benbecula **OH** & 12 Kilmacolm **Clyde** in March-May. 100 Lochgilphead **Arg**, 60 feeding with Kites at Loch Ken **D&G**, 60 Machrihanish **Arg**, 47 Skaw, Unst **Shet**, 42 St.Ola **Ork**, 40 Brodick, Arran **Clyde Is**, 38 Cairncurran Hill **Clyde**, 33 Milton, South Uist **OH**, 32 Fitful Head **Shet** & 30 The Croig, Barra **OH** in September-December.

Common Starling (Starling) *Sturnus vulgaris*

Winter/Spring: Best counts of 4,000 Glasgow railbridge **Clyde**, 4,000 Campeltown **Arg**, 2,000 Haud Yards **B**, 2,000 Cabbagehall **F** & 1,200 Hartfield **Clyde** in January-March.

Breeding: Regular site counts show little change with 73 nests Eddleston **B** (64 in 2000), 36 Langbank **Clyde** (36), 10 Mersehead **D&G** (10), 7 Whithaugh Park **B** (9) & 3 Taynish **Arg** (4). 50 pairs Village Bay St.Kilda **OH**. Breeding success was monitored at 2 sites with 8 boxes Clochan **M&N** were successful with MBS 4.0 (4.3 in 2000) while 16 nests in boxes Potterton **NE** had 63 young, MBP 3.94, with 2 second broods of 7 young.

First fledged Bord 22 May; Clyde 24 May; Ayr 29 May; Fife 2 June, OHeb 5 June.

Post-breeding flocks: 2,000 upper Glen Lethnot **A&D** feeding on Bilberries, 2,000 Picketlaw Reservoir **Clyde** & 1,000 Loch Thom **Clyde** in June-July.

Autumn/Winter: 3,000 Tullibody Inch **Forth** & 1,500 Ythan **NE** in July-August; 8,000 Loch of Strathbeg **NE**, 2,000 Crombie Pier **F**, 2,000 Ardivachar Point, South Uist **OH**, 1,860 Roundyhills **A&D**, 1,300 Loch a'Phuill, Tiree **Arg**, 1,000 Vatersay **OH** & 1,000 Loch Paible, North Uist **OH** in September-October; 15,000 Castle Loch, Lochmaben **D&G**, 4,000 Kilrenny **F**, 3,000 Cranshaws **B**, 1,700 Crocketford **D&G**, 1,500 Kincardine Bridge **Forth** and 1,000 each at Trollaskeir, South Uist **OH**, Campbeltown & Balormie **M&N** in November-December.

There were 'around a million' birds roosting on the Tay Bridge **A&D** in midwinter.

Shetland Starling *S.v.zetlandicus*

Breeding: **Shet** 60 pairs Noss; **Fair Is** record 102 nests with 73 studied in detail produced 333 eggs (MCS 4.6) from which hatched 294 young, an 83% hatching success, of which 229 reaching ringing age, MBS 3.1, a lower success than usual, attributable to wet weather at the nestling stage.

First fledged Shet 6 June.

Flocks; 500 Knab, Lerwick **Shet** in January; 320 Houll, North Rope, **Shet** in March. 3,000 Kirkwall **Ork** in October.

Rosy Starling (Rose-coloured Starling) *Sturnus roseus*

As usual adults dominated the June- August period with 1 Hatton **A&D** 7-10 June followed by singles **Fair Is**, Girdleness **NE**, Durness **H**, St.Cyrus **NE** & Quanterness **Ork** on 16-26 June; Haroldswick **Shet** 4-5 July; Baltasound **Shet** 13-26 July was later found dead Whalsay **Shet** 2 August; Forfar **F** 17 July; Stinky Bay & Liniclate, Benbecula **OH** 27 July-4 August; Symbister **Shet** 2 August. The first young bird was at Eoligarry, Barra **OH** 3 August while an adult Scalloway **Shet** 4 August was killed by cat the next day. Further singles Pitmedden **NE** , New Tolsta, Lewis **OH** , Bigton **Shet**, Veensgarth **Shet** &

Fair Is 10-25 August. Adult Kildonan, Arran **Clyde Is** 10 September; adult North Loch Eynort, South Uist **OH** 22-25 September. Juveniles Toab **Shet** 28 September and Peterculter **NE** 15-25 November. *7th-10th for North-east; 15th-18th for Outer Heb; 32nd-33rd for Fair Isle & 38th-43rd for Shetland.*

House Sparrow *Passer domesticus*

Breeding: **Fair Is** 35-50 birds; **M&N** 8 pairs Clochan boxes, 7 pairs had MBS 2.9 with the first broods; **Bord** 56 pairs Eddleston (45 in 2000); **Arg** 50 birds Oronsay. 1 Noss **Shet** 14 June.
First fledged Clyde 15 May; OHeb 23 May; Bord 28 May; Shet & Ork 31 May.
Flocks: 140 Ladykirk **Ayr**, 120 Bridge of Weir **Clyde, 100** Hackness **Ork**, 100 Whitehouse, Tiree **Arg** & 90 Girdleness **NE** in July-August; 300 Thornhill **Forth**, 210 North Ronaldsay **Ork**, 150 Crantit **Ork** & 130 Mersehead during October-December. 150 Stromness **Ork** all year.
Max elsewhere: 80 OHeb & Shet, 78 M&N, 70 Clyde Is, 55 P&K, 50 Fife, 45 A&D but just 15 in Loth.
Hybrid Tree x House Sparrow on North Ronaldsay, 1 April-October with 2 on 28 October.

Eurasian Tree Sparrow (Tree Sparrow) *Passer montanus*

Winter/Spring: 180 Ceres **F**, 140 Newmains **B**, 122 Carse of Stirling **Forth**, 100 West Fenton **L**, 80 Hallyards **L**, 60 Slains **NE**, 60 Westfold **M&N**, 50+ Dunbog **F**, 50 Pittordrie **P&K**, 50 Cairneyhill **F** with 40-49 birds East Yonderton **Clyde**, Auchterarder **P&K**, Rameldry **F** & Applegarthtown **D&G** during January-March.
Breeding: **M&N** 9 pairs bred Longmorn boxes, 5 pairs managed double broods, also pairs at 4 other sites; **NE** 19 pairs in Potterton boxes had 38 broods with 127 young, MBP 3.3, although breeding was a week later than in 2000 there were 4 triple broods; **A&D** 7 broods in Roundyhill boxes; **P&K** 9 pairs Blairgowrie boxes reared 47 young, 3 pairs Vane Farm had 15 young, also 5 broods Scone; **Fife** 27 pairs at 3 sites, several using boxes; **Forth** noted at just 4 sites; **Loth** 25 clutches in Hallyards boxes had 121 eggs from which 71 fledged, 3 pairs with 6 clutches Wheatlands fledged 18 young; **Bord** 6 pairs Newmains (8) & 17mm at 3 other sites; **Clyde** 5 pairs at 4 sites; **Ayr** noted only 1 site; **D&G** 5 sites.
First fledged NE 2 June; Loth 8 June; M&N 17 June.
Autumn/Winter: 100+ Lunan Bay **A&D**, 83 Dillarburn **Clyde**, 80 Westfold, 70 Thornhill Carse **Forth**, 70 Lurdenlaw **B**, 70 Wester Calcots **M&N**, 65 Glencaple-Bankend **D&G**, 65 Tyninghame **L**, 60 Midtown **D&G**, 60 West Fenton, 57 Ceres & 55 Drumnaheath **NE** & 54 Methlick **NE** and 40-49 45 Dipple **M&N** & Newmains during October-December.
Extralimital: Record spring total of 24 on Fair Is 2 May-16 June. Also 6 Knap of Howar, Papa Westray **Ork**, 3 Norwick **Shet**, and 1-2 birds Bayhead, North Uist **OH**, Snishival, South Uist **OH**, Sangar, North Ronaldsay **Ork**, Herston, South Ronaldsay **Ork** during April-May with 2 St.Kilda **OH** in June. Later singles North Ronaldsay in September & Northfield **Ork** in October.

Chaffinch *Fringilla coelebs*

Winter/Spring: A poor winter with few large flocks - 2,200 Gallow Hill, Moffat **D&G**, 1,500 Stantling Craig **B**, 1,500 Strathdon **NE**, 1,000 Raggra **Caith**, 600 Lyne of Skene **NE**, 500 Blackford **P&K**, 500 Muthill **P&K** & 400 Lanrick **Forth** during January-April.
Flocks of 200-399: 4 Bord, 2 A&D, M&N, P&K, D&G & Fife with a single flock Arg.
Best elsewhere: Clyde 180, Ayr 120, Ork 100, Fair Is 73, Loth 40, Shet 30, OHeb 4.
Breeding: In N&W Isles where uncommon, 3 pairs Binscarth **Ork** & mm at 3 other sites; 4 sites Lewis & Harris **OH**, and single sites North Uist **OH** & Barra **OH**; 1m Halligarth **Shet** in June.
Best territorial counts: 41 Whithaugh Park **B**, 38 Craigallan **Clyde**, 34 Roslin Glen **L**, 32 Taynish **Arg**, 27 Langbank **Clyde**, 26 Lochwinnoch **Clyde**, 25 Aberlady **L** & 24 Mersehead **D&G**.
First fledged juvenile seen Bord 22 June.
Autumn/Winter1,700 Corgarff **NE**, 1,500 Forter **A&D**, 1,500 Braco **P&K**, 1,250 Forestburn Res. **Clyde**, 900 Dillarburn **Clyde**, 700 Balloch Farm **A&D**, 600 Acharn **P&K** & 400-500 Midmar **NE**, Callander **Forth**, Gosland **B**, Kilbucho **B** & Haswellsykes **B** in November-December. Flocks of 200-399: 4 NE, 3 Forth & Bord, 2 P&K & Clyde with single flocks D&G, Arg & Loth.
Max elsewhere: Clyde Is 150, Ayr, Caith & Ork 100, Shet 60, Fair Is 41 & OHeb 7.

Brambling *Fringilla montifringilla*

Winter/Spring: A poor winter with very few 3-figure flocks, just 300 Moffat **D&G**, 200 Banchory **NE**, 101 Ashkirk Moor **B** &100 Trinafour **P&K** during January-March. Elsewhere the best counts were feeble, managing just 10-20 birds in A&D, M&N, Clyde & Loth with only 1-5 birds in Caith, Fife, Ork, M&N, Arg & OHeb. 160 **Fair Is** & 39 North Ronaldsay **Ork** 26-29 April on passage. Last A&D, M&N, Loth, Clyde & OHeb 9-19 April; Forth, Caith, Arg, Fife & Bord 25-29 April; Is of May, Fair Is & Ork 9-17 May.

Breeding: **High** 1 with young Ben More Lodge in late June.

RBBP reports a singing male at a site in late April.

Autumn/Winter: First **Is of May**, Fair Is & Ork 18-23 September followed by Bord, NE, Fife, Loth & OHeb 25-30 September; A&D, M&N, Clyde, Caith & Arg 8-15 October. The best passage counts were 150 North Ronaldsay, 48 Fair Is & 15 St.Abbs **B** 29-30 September; 170 Fair Is, 168 North Ronaldsay, 150 Herston, South Ronaldsay **Ork** plus 6 **Ork** flocks of 80-100 birds on 15 October. 50 Cove **NE**, 50 Lunan Bay **A&D**, 50 St.John's **Caith** , 40 Torness **L**, 40 Pitcox **L**, 30 Girdleness **NE**, 30 West Seaton **A&D** & 20 Denburn Wood **F** 18-20 October; 200 St.Fergus **NE**, 100 Is of May, 70 Brough **Caith**, 40 North Loch Eynort, South Uist **OH** , 30 Boarhills **F** 22-27 October.

After such a good autumn there were several large flocks patchily spread round the east of Scotland with 1,800 Greenloaning **P&K**, 1,500 Blackford **P&K**, 1,400 Glen Dye **NE**, 1,000 Kinbuck **Forth**, 1,000 Braco **P&K**, 900 at Corgarff **NE**, 600 Blackburn **NE**, 600 Forsinard **H**, 600 at Haswellsykes **B**, 550 Ardgay **H**, 400 Ninemileburn **L**, 300 Doune **Forth** & 100-299 at Balloch **A&D**, Forrestburn Reservoir. **Clyde**, Presnerb **A&D** & Alva **Forth** in November-December.

Otherwise the best elsewhere Fife & Ork 50, OHeb 40, M&N & Arg 6, D&G, Caith & Ayr 2.

European Serin (Serin) *Serinus serinus*

Adult m Tresta, Fetlar **Shet** 31 August-20 October.

Second record for Shetland and 7th for Scotland.

[1968] 1 Scalloway **Shet** 17 November is now considered insufficiently documented.

European Greenfinch (Greenfinch) *Carduelis chloris*

Winter/Spring: The best flocks in January-February were 200 Rutherglen **Clyde**, 166 Mersehead **D&G**, 150 Lyne of Skene **NE**, 130 Cambus **B**, 120 Caerlaverock **D&G** & 100 Ordquish **M&N**.

Max elsewhere: P&K 80, Fife 65, Ork 50, Loth 44, Arg 38, A&D 36 & Caith 30.

Breeding: Where uncommon in N&W Isles they were noted breeding at 7 sites in **Ork**, bred at 4 sites Lewis & Harris, 5 sites North Uist & 1 site South Uist **OH**. Few significant counts from mainland but best site counts were 26 pairs Langbank **Clyde**, 25 Kinnordy **A&D** & 13 Bearsden **Clyde**.

First fledged Bord 8 June; Clyde Is 10 June; OHeb 30 July.

Autumn/Winter: Bets flocks: 350 Cragganmore **M&N**, 200+ Ellon **NE**, 200 Newton **L**, 150 St.Fergus **NE**, 150 Stevenson Point **Ayr**, 150 Lecropt **Forth** & 140 Loch Gruinart, Islay **Arg** during July-October; 420 Lamberton **B**, 300 ringed Lyne of Skene **NE**, 200 Kirriemuir **A&D**, 150 Doune **Forth** & 100 Lendalfoot **Ayr** during November-December. Max elsewhere: Fife 70, D&G 60, P&K 50, Ork 40 & Clyde Is 20,

Passage: The best spring flocks N.Isles were 42 Trondra, 37 Norwick, 20 Baltasound & Scalloway, all **Shet** 21-29 April. Numbers peaked in mid-October with 460 Whalsay, 300 Veensgarth, 180 Norwick, 110 Quendale & 100 Out Skerries. Best then was 13 **Fair Is** & 4 North Ronaldsay **Ork**.

European Goldfinch (Goldfinch) *Carduelis carduelis*

Winter/Spring: Best January-April flocks were 2,000 Skene **NE**, 1,000 Midmar **NE**, 400 Ordiquish **M&N**, 300 Blackford **P&K** & 220 Pathside **M&N** with 100-199 birds at Craigmill **A&D**, Glen Fruin **Clyde**, Coultra **F** & Pease Bay **B**. Max elsewhere: Ayr 50, D&G 40, Arg 11, OHeb 8 & Ork 7.

Breeding: In areas where scarce or uncommon there were 5 ads & 4 juvs Longhouse **Ork** 13 July which suggests that breeding may have taken place, 1-2 Stornoway **OH** March-July but no confirmed breeding. Also 2 Colonsay **Arg** in June but no evidence of breeding and seen 2 sites Islay & 1 site Mull, both **Arg**.

In an Aberdeen **NE** breeding study triple broods were found to be common, several pairs often nesting

in the same tree, 39 young were ringed from 15 nests (MBS 2.6).
Best territorial counts were 9 pairs Langbank **Clyde** & 8 pairs Mersehead **D&G**. First fledged young NE in May; Bord 6 June; Fife 17 June; Loth &Ayr 1 & 16 July. The mean of the 10 largest Clyde flocks was 70, well above the 1987-2001 mean of 50, suggesting a good breeding season.
Autumn/Winter: Flocks: 300 Aros Moss **Arg**, 160 Aberlady **L**, 150 Kilspindie **L**, 120 Kilminning **F**, 120 Earlsferry **F** & 100 Longannet **F** in August-September. Then 500 Edgehead **L**, 200+ Valleyfield **F**, 150 Kirriemuir **A&D**, 150 St.Michaels **F**, 140 Dumbrock Muir **Clyde**, 120 Caerlaverock **D&G** & 100 Winchburgh **L** during October-December.
Best elsewhere: P&K, Bord, Forth & Clyde Is 50-60; Ayr 40 & M&N 22.
Passage: 2 singles **Shet** in April & 2 in May; 1-2 **Fair Is** 14-16 May; max 4 **Is of May** in May.
7 **Is of May** 11 October; 3 Twageos **Shet** 17 October with 4 other October singles; 2 St.Kilda **OH** 24-28 October but just 1-2 Fair Is 26-28 November.
After the first breeding in the Outer Hebrides in 2000 there has been a significant increase in records in Orkney with a potential first breeding record, also becoming more frequent, if still uncommon in Shetland.

Eurasian Siskin (Siskin) *Carduelis spinus*

Winter/Spring: 500 Longannet **F**, 200 Craigvinean **P&K**, 140 Martnaham Loch **Ayr**, 140 Auchinlea Park **Clyde**, 120 Govan **Clyde**, 100+ Pitmedden **F**, 100 Baron's Haugh **Clyde**, 100 Rhugarbh **Arg** with 50-99 birds at Milngavie **Clyde**, Inversnaid **Clyde**, Birnie Loch **F**, Gallow Hill **D&G**, Loch Venachar **Forth**, Musselburgh **L** & Ardgualich **P&K** during January-March. Best elsewhere: M&N & A&D 50 & Bord 41.
Passage birds through Ork from 6 March, Shet 31 March & Fair Is 21 April. The best passage counts were 37 **Fair Is**, 30 Baltasound **Shet**, 24 Scalloway **Shet**, 20 Finstown **Ork** with 1 St.Kilda **OH** 27-29 April.
Breeding: Uncommon breeders N& W Isles where pair with juveniles Kergord **Shet** in June was the third confirmed breeding for area; 20 Queenamidda **Ork** in June but no definite breeding although a f with 5 juvs Finstown **Ork** in August may have been locally bred; also br2 Stronoway Woods **OH** in July. Also family parties seen at 4 sites Mull & single sites on Islay & Jura, all **Arg**. Evidently a good breeding season in south with reports from **Fife** bred 4 sites with juveniles Keir Loch; **Bord** 43mm noted at 18 sites with 10mm Whithaugh Park and young seen 6 other sites; **Clyde** 28 pairs at 15 sites with 5mm Helensburgh; **Ayr** 100+ with many singing mm Gala Lane in February and good numbers displaying Arecleoch in March where many juveniles in July. First juveniles seen Bord 3 May; Fife 14 June; Shet 15 June; OHeb 4 July.
Post-breeding flocks of 250 Longformacus **B**, 120 Inversnaid & 70 Thirlstane **B** in July-August.
Autumn/Winter: Very light passage- first Shet 13 September, North Ronaldsay **Ork** & Fair Is 19-21 September. The best passage counts include 65 St.Abbs Head **B** & 25 **Is of May** on 27-29 September; 6 Skaw, Unst **Shet** 7 October; 15 Fair Is & 6 Quendale **Shet** 16 & 20 October.
Winter flocks in November-December with 300 Valleyfield, 150 Bankfoot **P&K**, 130 Carron Valley **Forth**, 100 Buchanan Castle **Clyde**, 100 Killin **Forth** with 50-99 birds at Hamilton Low Parks **Clyde** & Gaddon Loch **F**. Max elsewhere: 50 D&G, NE, Ayr & Arg, 40 Clyde Is, 30 A&D, Loth & Bord and 20 M&N.

Common Linnet (Linnet) *Carduelis cannabina*

Winter/Spring: 1,500 Montrose Basin **A&D**, 1,000 Montgrew **M&N**, 550 Lecropt **Forth**, 500 Skinflats **Forth**, 400 Stantling Craig **B**, 300-399 birds Bridge of Don **NE**, Craigmill **A&D**, Kincraig Head **F**, Ordquish **M&N**, Easton **Clyde**, Braco **P&K**, Pitgaveny **M&N** & Hill of Row **Forth** with 200-299 birds Bamflatt **B**, Deuchrie **L**, Purgavie **A&D**, St.Abbs Head **B**, Mains of Glasswell **A&D**, Ceres **F**, Newmains **B** & 200 Godscroft **B** in February-March. Largest parties elsewhere: Ayr & Ork 100, D&G 85 & Caith 5.
Breeding: Range expansion N&W isles with colonisation in progress with br5 Gremista, Lerwick **Shet** , br2 Virkie **Shet** & family party Skelberry **Shet** in July and spread continues in Outer Hebrides with birds seen 2 sites North Uist, 4 sites Benbecula and singles site Barra & South Uist **OH**. Other island counts include 26 pairs Sanda Is & noted 5 sites Mull, 2 sites Islay & 1 site Colonsay, all **Arg**. Best mainland sites counts were 39 pairs Mersehead **D&G**, 15 Aberlady **L** & 10 St.Abbs **B**.

First fledged young Fife 3 June; Clyde Is 8 June; Caith 14 June; Ayr 14 July; OHeb 29 July.

Autumn/Winter: 800 Greenloaning **P&K**, 800 Skinflats, 500 Montrose Basin, 250 Cleat, Arran **Clyde Is**, 350 Lyne Farm **B**, 350 Corsapol, Tiree **Arg** with 200-349 birds at south Kintyre **Arg**, Portknockie **M&N**, Reivoch **Clyde**, Grantshouse **B**, Anstruther **F**, Grasspoint, Mull **Arg**, Longannet **F**, Lochhouses **L** & Blackford **P&K** during July-October.

A vast flock of 4,500 were in unharvested rape Hatterseat **NE** in November, also 3,000 Midmar **NE**, 1,200 Lecropt **Forth**, 500 Tullialan **F**, 420 Mersehead, 400 Melrose **B** with 200-349 Kirriemuir **A&D**, Newhailes **L**, Crantit **Ork** & Inverpeffray **P&K** in November-December.

Twite *Carduelis flavirostris*

Winter/Spring: 1,100 Greenloaning **P&K**, 700 Blackford **P&K**, 500 Biggings **Ork**, 447 Mersehead **D&G**, 230 Lecropt **Forth**, 215 Bornish, South Uist **OH**, 200 Easton **Clyde**, 200 Godscroft **B**, 200 Collieston **NE** with 100-199 birds at Lyness, Hoy **Ork**, Strathdon **NE**, Strathbeg **NE**, Borve, Benbecula **OH**, Girvan **Ayr**, Buinach **M&N**, Whiteadder **L**, Tyninghame **L**, Ardivachar, South Uist **OH**, Balranald, North Uist **OH**, Cleat **Ork**, Purgavie **A&D** & Ardnave, Islay **Arg** during February-March. Best elsewhere: Shet 70, Fair Is 50 & 14 Fife.

Breeding: The best territorial counts were all in the N&W with 28 pairs Colonsay **Arg**, 10 Oronsay **Arg** (40 in 2000), 20 on part of Ardnave **Arg**, 15 Sanda **Arg**, 12 Arran **Clyde Is**, 10 Hermaness **Shet**, 6 Noss **Shet**, 5 Lunga **Arg** with 2-4 pairs Beil of Duncansby Caith, Glen Finglas **Forth**, Faray **Ork** & Westray **Ork**.

The only accounts of breeding success were 5 nests in Glen Clunie **NE** (9 in 2000) which fledged 19 young, MBS 3.8; on Sanda where 'many fledged'.; and young seen Glen Lyon & Glen Turret, both **P&K**. In the south, where very rare, there were pairs seen pair Coiregrogain **Clyde**, 1 present southern coastal site **Ayr** and a pair bred Mull of Galloway **D&G**.

First fledged OHeb 27 June; P&K 9 July.

Autumn/Winter: Post-breeding flocks of 250 Strathy Point **H**, 70 Kerrara **Arg** & 60 Glen Finglas in August.

Wintering flocks of 2,200 Braco **P&K**, 1,200 Greenloaning, 500 Old Scatness **Shet**, 500 Corgarff **NE**, 400 Blackford, 400 Rhuban, Eriskay **OH**, 350 Costa **Ork**, 300 Killinallan, Islay **Arg**, 250 The Gloup **Ork**, 250 Newburgh **NE**, 250 Hatterseat **NE**, 200 Beil of Duncansby **Caith**, 200 Crantit **Ork** with 100-199 birds Upper Kilchattan, Colonsay **Arg**, Clachtol **H**, Balnakeil **H**, Balemartine, Tiree **Arg**, Clachan, North Uist **OH**, Tyninghame, Storakaig, Islay **Arg**, Bornish, Caerlaverock **D&G**, Bankfoot **P&K** & Skinflats **Forth** during October- December. Largest parties elsewhere: M&N & Ayr 50, A&D 20, Fife 12 & nil Bord.

Lesser Redpoll (Redpoll) *Carduelis cabaret*

Winter/Spring: 70 Lochore Meadows **F**, 30 Valleyfield Lagoons **F**, 26 Lambhill **Clyde**, 26 Lochwinnoch **Clyde**, 20 Birnie Loch **F**, 20 Kilchurn Castle **Arg**, 20 Loch Glow **F** & 17 Tweedbank **B** in January-February.

Passage: 6 **Is of May** on 23 April; 16 Herston, South Ronaldsay **Ork** & 2 North Ronaldsay **Ork** on 26-30 April with later singles 7,16 & 23 May; 6 Langass, North Uist **OH** 11 May; 1 Papa Westray **Ork** 23 May.

Breeding: Poorly reported with best regional totals **Clyde** 46 pairs at 23 sites, **Ayr** 26mm at 15 sites & **Bord** 14mm at 9 sites. Best territorial sites were 20 pairs Levenmouth **P&K**, 8 Taynish **Arg** & Greenhead Moss **Clyde**, 6 Myres Hill **Clyde** & 5 Waterside **Ayr**. 3 pairs Sanda **Arg** reared 15 young. First fledged young: OHeb in July; Bord 15 August.

Autumn/Winter: 4 **Fair Is** & 2 North Ronaldsay 18-21 September; 11SW East Neuk **F** 30 September; 60 Millbrig **Ork**, 40 Stronoway Woods **OH**, 20 Is of May & 1 Sumburgh Head **Shet** 22-23 October. Best September-December flocks were 250 Loch Ken **D&G**, 200+ Banchory **NE**, 200 Forter **A&D**, 100 Loch Brora **H**, and 50-99 birds at Loch Ardinning **Clyde**, Bridge of Weir **Clyde**, Strathclyde Park **Clyde**, Auchinbreck **Arg**, Stenrieshill **D&G**, Dinnet **NE** & Barry Buddon **A&D**. Largest parties elsewhere: Loth 33, Fife 30, Ayr 25, Bord 15 & Clyde Is 8.

Common Redpoll *Carduelis flammea*

Greater Redpoll *C.f.rostrata/islandica*

2 Loch Druidibeg, South Uist **OH** and singles Out Skerries **Shet**, St.Kilda **OH** & Balemartine, Tiree **Arg** on 14-16 September; 2-3 **Fair Is** and singles Stilligarry, South Uist **OH** & Sumburgh **Shet** on 18-22 September. Then 5 Scatness **Shet** 13 October; 2 Sumburgh 18 October; & 1 Stenness **Ork** on 3 November.

Mealy Redpoll *C.f. flammea*

Winter/Spring: 2-3 Lochore Meadows **F** and singles West Ferry Clyde & 1 Angle Park **F** 2-5 January; with 20 at Summerston **Clyde** on 10 January; 1 Loch of Strathbeg **NE** 14 January; 3 Kinnordy **A&D** 1 February; and 2 Lambhill **Clyde** 24 February.

Spring passage: first 1 St.Kilda **OH** from 5-8 April; then a flurry of birds N &W Isles 25 Apr-May when 16 Herston, South Ronaldsay **Ork**, 3 Sumburgh Head **Shet**, 2 North Ronaldsay **Ork** & 2 **Fair Is** &1 Scalloway **Shet**. 1-2s through Fair Is & North Ronaldsay through May with 12 Whalsay **Shet** & 2 Sumburgh on 16-17 May; 1 Papa Westray **Ork** 23 May; 1 Sumburgh 24 May; 1 Whalsay 18 June; 1 Fair Is 23 June.

Breeding: **Shet** pair sang Halligarth 26 May-1 June; pair Busta House 4 June were singing and nest-building.

Also 1-3 birds Gisla, Lewis **OH**, Aird Uig, Lewis **OH**, Uigen, Lewis **OH**, North Rona **OH** , Fetlar **Shet**, Fair Is, Norwick **Shet**, Baltasound **Shet** & North Ronaldsay in July. It is not clear what these birds are doing, but a party of 3 at Norwick **Shet** included a juvenile on 23 July

Autumn/Winter: A few singles Fetlar, Balemartine, Tiree **Arg** , St.Kilda & Fair Is in early-mid September before a small-scale fall 20-25 September with 10 Norwick, 7 Fetlar & 6 Foula **Shet**, 6 Balranald House, North Uist **OH**, 4 Out Skerries **Shet**, 1-4 Fair Is & 1 Dale **Ork**. 7 Clynelish **H** 8 October. There followed a more widespread fall on 18-26 October with 34 Fair Is, 12 Stronoway Woods **OH**, 9 Whalsay, 9 Toab **Shet**, 7 Out Skerries, 7 Cruden Bay **NE**, 6 Brough **Caith** and 1-3 birds Barns Ness **L**, Torness **L**, Cove **NE**, Montrose **A&D**, Mains of Usan **A&D**, North Loch Eynort, South Uist **OH**, Rattray Head **NE**, Drums **NE**, Kilminning **F**, Balcomie **F**, Drums, Denburn Wood **F**, Burra House, Hoy **Ork**, Fife Ness **F**, Langass, North Uist **OH**, Thorntonloch **L**, North Rona **OH** & 1 Ethie Main.

12 Baltasound, 10 Banchory **NE**, 6 Fair Is & 3 Queenamidda **Ork** 30 October-2 November; 10 Clynelish 5-7 November. Most passed on but in late November-December there were 7 Forter **A&D** on 15 December with 6 there 20 December and singles at

Uigen, Greenhead Pond **Clyde**, Lochwinnoch **Clyde**, Barry Buddon **A&D** & Fair Is .

1 North Loch Eynort, South Uist **OH** 4 October was either a Mealy or an Arctic.

[2000] 8 pairs bred in pine plantations at Strath Carnaig, Sutherland **H** in a loose colony, 2 fledged juveniles were present 18 June and further display 18 July indicated second broods. By late August there was a flock of 60-65 birds, 40 of which were juveniles. There were no birds present in 2001.

See Vittery, A. *Sutherland Bird Review 2001-2002*: 31-35 for an account of this breeding colony.

Arctic Redpoll *Carduelis hornemanni*

Eurasian Arctic Redpoll *C.h.exlipes*

Spring: 1 **Fair Is** 13-17 May; 1 Aith, Fetlar **Shet** 11 June.

Autumn: 1 Craigens, Islay **Arg** 22-24 September; 1 west Yell **Shet** 29 September-1 October; 1 Scatness **Shet** 18 October. *First record for Argyll.*

Two-barred Crossbill *Loxia leucoptera*

ad f **Fair Is** 5-9 July; ad m Peerie Voe of Spiggie **Shet** 22 July; 1 **Is of May** 27 July-3 August. *Second for Isle of May, 12th for Shetland & 17th for Fair Isle.*

Common Crossbill (Crossbill) *Loxia curvirostra*

Winter/Spring: The best flocks were 21 Greenacres **P&K**, 18 Craigvinean **P&K**, 14 Whitelee Forest **Clyde**, 11 Garadbhan **Clyde**, 11 Castlecraig **B** & 10 Carron Valley Forest **Clyde** in January-February. There were signs of breeding in the following areas - **A&D** bred Glen Isla; **P&K** 1-6 at 14 sites, bred Greenacres & Loch na Creige; **Forth** widespread, including singers in Carron-Doune area January-April but no young seen; **Bord** 1-11 seen 8 sites with juvenile Kirnie Law 3 February; **Clyde Is** bred

Kilmory, Arran; **Clyde** many small parties with 15 (4 juveniles) Dumbrock Muir in April; **Ayr** 50 with many singing Gala Lane in February also scattered through Upper Minnoch, family party Blairquhan 22 May; **D&G** 4 pairs Kirriereoch in February with nest-building and fledged young seen 25 March, also br3 Grannoch Lodge 24 March.

Summer: *An irruption year but with flocks widespread on the mainland mid May to mid June, before the first clear immigrants descended on the N & W Isles from mid June. It is not clear whether these early flocks were local birds or early arrivals. Many juveniles arrived at this time and so any young seen from mid-May cannot positively be attributed to local breeding.*

65 Mabie Forest **D&G** & 26 Loch Kennard **P&K** 19-22 May; 80 Rannoch Forest **P&K**, 40 Knapdale **Arg**, 20 Sannox, Arran **Clyde Is** on 3-10 June; 42 at Keir Loch **F** included 6 young; 37 Bathmoor **F**, 35 Montreathmont Forest **A&D** were mostly juveniles & 30 Otter Ferry **Arg** 14-28 June.

First definite immigrants were 50 Sandwick **Shet** on 27 June. 3-4,000 were estimated to have passed through Shetland in July, using turnover rates from ringing schemes while Fair Is had 4 days in July when counts exceeded 100 birds. Large numbers were also present on **Ork**. Best counts were 150 **Fair Is**, 88 Hermaness **Shet**, 80 Lumbister, Yell **Shet**, 79 North Rona **OH** and 40+ Flannan Is **OH** on 5-14 July; 150 Quendale **Shet**, 140 Sumburgh **Head** Shet and 80 West Burrafirth **Shet** 19-27 July; 100-130 reached St. Kilda **OH** with maximum 80+ on 31 July. Other July counts include: 60 Carradale **Arg**, 45 Tyninghame **L**, 40 Ben Corodale, South Uist **OH**, 36 Bowmont Forest **B**, 31 Ben Risary, North Uist **OH** & 20-30 birds Ballochcruin Bridge **Clyde**, Burncrooks Reservoir **Clyde**, Saddell **Arg**, Ballinluig **P&K**, Ben Langass, North Uist **OH** & Cathkin Braes **Clyde**. In August good counts include: 80 Pitmedden **F**, 80 Carstairs **Clyde**, 34 Loch Druidibeg, South Uist **OH** & 20+ Kennacraig **Arg**. September was relatively quiet except for 46 Black Linn Reservoir **Clyde** before numbers increased again in October.

Autumn/Winter: Many late records with October-December highlights: 90 Auchterhead Muir **Clyde**, 61 Kyle Forest **Ayr**, 55+ Gala Lane, 53 Peppermill Dam **F**, 51 Carron Valley Forest, 49 Loch Doon **Ayr**, 44 Water of Trool **D&G**, 30 Pitmedden, 30 Drymen **Clyde**, 25 Kirrieroech, 21 High Kildonan, Arran **Clyde Is**, 20 Moor Loch **F** & 20 Pass of Melfort **Arg**.

Breeding: **Arg** 17 tape-lured at Inverliever Forest & 2 Auchinabreck responded as breeders during November.

Scottish Crossbill *Loxia scotica*

Breeding: **P&K** 2 large billed adults +br3 Rannoch Forest 10 June were *scotica/pytopsittacus*; *RBBP* reports sites in 'N&W Scotland' with a breeding pair and 4 other pairs at one site & a pair breeding at another.

Autumn/Winter: 9 Keiloch **NE** & 2 Linn o'Dee **NE** in October.

Parrot Crossbill *Loxia pytopsittacus*

Breeding: **High** 2 pairs bred Abernethy Forest, one rearing 3 young, the other failing, also a pair with 4 young at a nearby site; **NE** no reports.

Autumn/Winter: juvenile ringed Uigen, Lewis **OH** 11 June was part of a group of 5 in the area, in addition 7 Aird Uig, Lewis **OH** 11 July were also though to be this species.

[1962] 1m found dead Spiggie **Shet** 12 October has recently been accepted by the BBRC.

Common Rosefinch *Carpodacus erythrinus*

Spring: 1m **Fair Is** 23-29 May; 1 **Is of May** 27-29 May; f/imm Queenamidda **Ork** 29 May; 1m Sumburgh Hotel **Shet** 30 May; imm m Hirta, St. Kilda **OH** 31 May-1 June; f/imm Baltasound **Shet** 9 June; f/imm Norwick **Shet** 10 June; 1m sang Baltasound 14 June; f/imm Grogarry, South Uist **OH** 15 June; 1m Haroldswick **Shet** 4 July later seen Baltasound 5-8 July; 1 m Nouster, North Ronaldsay **Ork** 21 July. *5 Shet, 2 Ork & OHeb with singles Fair Is & Is of May.*

Autumn: 1 Sumburgh 5 August; 1 Skaw, Unst **Shet** 23 August; minimum 14 f/imm Fair Is 23 August-28 September, maximum 7 on 1-2 September; 2 Sumburgh 24-25 August; 2 imm Forvie **NE** 29 August; 4 Out Skerries **Shet**, 3 Fetlar **Shet**, 2 Noss **Shet**, 2 Norwick, 2 Whalsay **Shet**, 2 Durigarth **Shet**, 2 Quendale **Shet** & singles Noss & Is of May 30-31 August; 4 Whalsay, 1 Geosetter **Shet**, 1 Skelberry **Shet** & 1 Scousburgh **Shet** 1-7 September; 3 Norwick & 1 Skaw & 1 Swining **Shet** 13-14 September; 2 Foula **Shet**, 1 Baltasound, 1 Out Skerries and 1 Viewforth **Ork** 15-20 September; 4 Is of May on

20-21 September; 2 Toab **Shet** 21 September; f/1st-w North Loch Eynort, South Uist **OH** & 1 Foula 25 September; 2-3 Is of May 26-28 September; 1 Lady, Sanday **Ork** 29 September; 1st-w Paiblesgarry, North Uist **OH** & f/1st-w Northbay, Barra 4 **OH** 4 October with 2 Northbay on 5 October; 1st-w Clachan, North Uist **OH** 6 October.

c.40 in Shet, 14 Fair Is, 7 Is of May, 5 OHeb, 2 Ork & single NE in autumn.

Best year ever for Isle of May & Outer Hebrides.

Common Bullfinch (Bullfinch) *Pyrrhula pyrrhula*

Winter/Spring: 32 Raith Burn **Clyde**, 26 Flanders Moss **Forth**, 25 Lyne of Skene **NE**, 19 R.Leven **Clyde**, 18 Montreathmont Forest **A&D**, 7 Crombie **A&D**, 16 Muirend **P&K** in January-March.

Best elsewhere: Clyde Is & Fife 10, Bord 9, D&G & Arg 6

Breeding: The best regional counts were **Bord** 39 at 28 sites & **Clyde** 37 pairs at 30 sites. The largest territorial site counts were 6 pairs Hill of Urchany **M&N**, 4 Aberlady **L**, 3 Taynish **Arg**, Monaughty Forest **M&N**, Margnahelish, Arran **Clyde Is** & Duns Castle **B**. First young seen Bord 15 July; Clyde Is 17 August.

Bullfinch, Edinburgh, Lothian

Autumn/Winter: The best October-December flocks were 33 Glen Finglas **Forth**, 30 Kirkmichael **P&K**, 22 Dunkeld **P&K**, 20 Dinnet **NE**, 16 Crombie, 15 Magus Muir **F**, 15 Gala Lane **Ayr**, 15 Bavelaw **L** and then 10-13 birds at Tyninghame **L**, Devilla **F**, Mid Calder **L**, Craigmawhannal **Ayr**, Lochore Meadows **F**, Loch of Blairs **M&N**, Tweedbank **B**, Bathgate Hills **L**, Pitmedden **F** & Loch Ard Forest **Forth**, Cathkin Braes **Clyde**, Craigmead **F**, **Finnich** Glen **Clyde** & Valleyfield **F**.

Max elsewhere: Arg 8, D&G 6.

Northern Bullfinch *P.p.pyrrhula*

Irruption year with *c.*80 Shet, *c.*40 Ork & 3 NE Scot. First Shet birds 11 October then Ork, Fair Is & NE on 15-18 October. Main arrival 17-30 October, mostly 1-2s. Best counts were: 4 Skaw, Unst **Shet** & 1 Cove **NE** 18 October; 6 Burra House **Ork** 20-26 October; 4 Voe **Shet** on 21 October; 12 **Fair Is**, 3 Rackwick **Ork** & 1 **Is of May** 22 October; 1 Girdleness **NE** on 23 October; 6 North Ronaldsay **Ork** 24 October-2 November; 3 Langskaill **Ork** on 25 October; 3 Quoys, Hoy **Ork** & 1 Rattray **NE** on 26 October; 4 Whalsay **Shet** & 4 Helendale **Shet** 30 October. Many moved on in late October but there were plenty November reports in Shet. There were still a few birds hanging on into December including 2 in Kirkwall **Ork** to Christmas with 4 appearing Scalloway **Shet** 30 December after heavy snow drove them off the hills.

Hawfinch *Coccothraustes coccothraustes*

Winter: Unprecedented record of 25 Hangingshaws Sawmill, Yarrowford **B** on 7 January.

2 Clunie **P&K** 20 February; 2 Strathtay **P&K** 17 March.

Spring: Singles Herston, South Ronaldsay **Ork**, Fladdabister **Shet**, Cunningsburgh **Shet** & Helendale **Shet** 30 March-3 April; Calddach, North Uist **OH** 7-9 April; Lochinver **H** from 11-20 April; **Fair Is** 25 April. Then 2mm Baltasound **Shet** 29 April; 1 Ocraquoy **Shet** 3-6 May; 1 Grimsay, North Uist **OH** 9 May; 1 Bonar Bridge **H** 12-13 May; 1 Helmsdale **H** 15-18 May; 1 Strond, Harris **OH** 25 May; 1 Fair Is 27 May.

Breeding: **P&K** 10 Scone 12 April where there was successful breeding; **Bord** 1 Hallmanor 13 May.
Autumn: Singles Fair Is, Grutness **Shet** & Forsinard **H** 14-16 October. 2 Barrastow **Shet** with further singles Whalsay, Kirkwall **Ork**, Sound **Shet** , Helendale & Durness **H** 20-26 October, several birds lingered for a few days.
Winter: 9 Scone 21 December; 1 Newburgh **NE** 29 December.

Lapland Longspur (Lapland Bunting) *Calcarius lapponicus*
Winter/Spring: 1 Oronsay **Arg** 1-14 January; 1 South Ford, North Uist **OH** 14 January; 1 Tarbat Ness **H** 24 February. Probable passage birds - 1 **Fair Is** 10 March & 26 March with 1-2 daily there 3-5 April; 1 **Is of May** 1 April; 1 Beil of Duncansby **Caith** & 1 North Ronaldsay **Ork** 20 April; 1 Machrihanish **Arg** 29 April-2 May; 1 Fair Is 29 April; 1 Skerries **Shet** 13 May.
Autumn/Winter: The best autumn for some years with 1 St.Kilda **OH** 30 August with up to 23 birds there to 27 October, with 8 on 4 September; 1 Ardivachar, South Uist **OH** 2 September; 1 Fair Is on 7-8 September; 3 Bornish, South Uist **OH** 8 September; 1 Grimnish Point, North Uist **OH**, 1 Fife Ness Muir **F** & 1 Greian Head, Barra **OH** 11-13 September. There were 1-5 birds daily on Fair Is from 14 September-2 October. Then 4 Foula **Shet** & 1-2 birds Ardivachar, Is of May, North Ronaldsay, Loch Paible, North Uist **OH**, Loch of Strathbeg **NE**, Grimnish Point, Fife Ness & Scatness **Shet** on 16-21 September, before 3-4 North Ronaldsay and 1-2 birds Tyninghame **L**, Baltasound **Shet**, Balmedie **NE**, Torness **L** & Loch Paible 23-27 September. The flow of records continued through October with maximum 3 Fair Is, 3 Ardivachar, 3 Clynelish **H** & 1-2 birds Loch Paible, Newburgh **NE**, Loch a'Phuill, Tiree **Arg**, Aird an Runair, North Uist **OH**, Quendale **Shet**, Scatness **Shet**, St.Cyrus **NE**, Fersness **Ork**, North Ronaldsay & Rubha Ardvule, South Uist **OH**.
Passage dried up into November with 1-2 birds at Clachan, North Uist **OH**, Rubha Ardvule, Carnish, North Uist **OH**, Elie **F** & Balinoe, Tiree **Arg**.
Wintering only occurred at Aberlady **L** with 5 on 29 November rising to 15 there on 16 December.

Snow Bunting *Plectrophenax nivalis*
Winter/Spring: A massive flock of 5,000 Tarbat Ness **H** 24 February far eclipsed any other early-year party. Elsewhere there were 190 Knockenbaird **NE**, 80 Birsay Links **Ork**, 70 Ythan Estuary **NE**, 50 Beinn Mnanach **P&K**, 50 Nairn/Culbin Bars **M&N**, 50 Coldingham Moor **B**, 43 North Ronaldsay **Ork**, 40 Dale **Ork** and 25-39 birds Bornish, South Uist **OH**, 25 Burra **Shet**, Lossiemouth **M&N**, Outhead **F** & North Ronaldsay during January-April. Best elsewhere were 7 Clyde, 5 Arg & Loth, 3 Ayr , nil Forth & Clyde Is.
Last OHeb, Ayr & Fife 10-29 March; Arg 8 April; Shet & Ork 4-6 May; Loth 26 May; Fair Is 31 May.
Breeding: **Shet** 1m Gallow Hill 14 June was probably only on passage; **NE** 'a few on the high tops'; **A&D** 2 Mount Keen in May & br2 Glas Maol in August.
RBBP reports at least 17mm, and probably more than 20mm, in **NE/H**.
Autumn/Winter: First Fair Is 10 September; Shet & Ork 15-17 September; Is of May, NE & Loth 25-30 September; M&N, P&K, OHeb, High & Bord 4-17 October; Arg, Fife & Clyde Is 23-27 October. Passage: 150 Out Skerries **Shet**, 50 Balta, Unst **Shet** & 10 Start Point, Sanday **Ork** 24-26 September; 130 Out Skerries & 121 North Ronaldsay 7 October; 75 Fair Is on 13 October; 43 Fetlar **Shet** on 18 October.
An excellent winter with many more flocks further to the south than usual - 500 at Rosehearty **NE**, 220 Deerness **Ork**, 200 Shapinsay **Ork**, 160 Ythan, 128 Nairn/Culbin Bars, 116 North Ronaldsay, 100 Dunnet Links **Caith**, 85 Cnoc na Gearra **Caith**, 80 Stronsay **Ork** & Birsay, 70 Wyre **Ork** & Rattray Head **NE**, 60 Lossiemouth, 50 birds Sumburgh **Shet**, Skaw, Unst **Shet**, Tingon **Shet** & Goosepools **F** with 25-49 birds at Eela Water **Shet**, St.Abbs **B**, Clachtol **H**, Outhead, Tyninghame **L**, Blackcraig Hill **Ayr**, Kilauley, South Uist **OH**, Duncolm **Clyde**, Monifieth **A&D, Knock** of Braemoray **M&N**, Colsnaur Hill **Forth**, Askernish, South Uist **OH**, Broughton Heights **B**, The Lecht **M&N**, Alva Moss **Forth** & West Hynish, Tiree **Arg** in November-December.

Black-faced Bunting *Emberiza spodocephala*
1st-w m **Fair Is** 20-24 October. *First for Fair Isle & Scotland and the fourth for Britain.*
See French (2002) in *Birding Scotland* 5:37-38 for an account of this record.

Yellowhammer *Emberiza citrinella*

Winter/Spring: 250 Craigluscar **F**, 200 Cairneyhill **F**, 130 West Fenton **L**, 100 Newhills **NE**, 95 Kingoldrum **A&D**, 90 Glencaple-Bankend **D&G**, 85 Caerlaverock **D&G**, 85 Stantling Craig **B**, 80 Cambus **Forth** and 50-79 birds Westfield **M&N**, Largie **NE**, Hill of Row **Forth**, 80 Cambus **Forth**, West Millichen **Clyde, Inch F**, Bonnybridge **Forth**, Westerfolds **M&N** & Findhorn Bay **M&N** in January-February; 120 Newmains **B**, 100 Garmouth **M&N** and 50-79 birds Bandoch **A&D** & Langlee Hill **B** in March-April.

Best elsewhere: P&K 36, Ayr 30, Arg 28, Caith 25 & Clyde Is 10.

Breeding: Very few substantial reports but gradually disappearing from old breeding areas **P&K** and few areas report any great numbers. Best sites reports are 12mm Newmains **B**, 8 Coldingham Bay **B** & 6 Gartarry **F**.

Few on west coast in **Arg** with 5 sites Mull and single sites Islay & Kintyre and reports of just 3 singles on Arran **Clyde Is**. First fledged young seen Fife 5 August.

Late occupied nest M&N 18 August.

Area	sites	terrs
Fife	11	24
Bord	27	66
Arg	7	7
Clyde	27	44
Ayr	7	11

Yellowhammer Dunbar Lothian

Autumn/Winter: Very low numbers hints at poor breeding with only 70 Newmains in October. Best flocks were in December with 600 Dillarburn **Clyde**, 300 Earlston **B**, 55 Stonehaven **NE**, 45 Cormiston **Clyde**, 45 Ruthwell **D&G** & 40 Westerfolds.

Max elsewhere: A&D & Ayr 30, Loth 26, Arg 22 & 17 P&K.

Passage: Few N.Isles in spring, just 4 Fair Is, 2 Shet & 2 Ork 31 March-17 May. 1 **Is of May** 13 May. 14 Shet, 12 Ork & 8 Fair Is 15 October-3 November, 6 **Fair Is** & 4 Durigarth **Shet** 20-28 October.

Ortolan Bunting *Emberiza hortulana*

Spring: 1 **Is of May** 27 May.

Autumn: 1 Out Skerries **Shet** 24 September; 1 Is of May 26-28 September; 1 Toab **Shet** 9 October.

Rustic Bunting *Emberiza rustica*

Spring: 1m Baltasound & Haroldswick, Unst **Shet** 12-15 May; 1m **Fair Is** 15-16 May; 1m Grimsay, North Uist **OH** 10 June. *10th for Outer Hebrides.*

Autumn: 1 Out Skerries **Shet** 21-23 September; 1 Foula **Shet** 27 September; 1 Fair Is 28 September-7 October with another 20 September-1 October; 1 Fetlar **Shet** 30 September-1 October.

Yellow-breasted Bunting *Emberiza aureola*

Autumn: 1st-w **Fair Is** 29-30 August; 1 Skaw, Unst **Shet** 29 August-2 September.

Little Bunting *Emberiza pusilla*

Spring: 1 Sheshader, Lewis **OH** 2 May. *Third record for Outer Hebrides.*

Autumn/Winter: 1 Girdleness **NE** 25-26 September; 1 **Fair Is** 26-27 September; 1 Fetlar **Shet** 29 September; 2 Fair Is 1 October; 1 North Ronaldsay **Ork** 2 October; 1 Cove **NE** 3 October; 1 Fair Is 4-6 October; 1 Fetlar 5-6 October; 1 North Ronaldsay 6 October; 1 Fair Is 7 & 14 October; 1 North Ronaldsay 19-20 October; 1 Out Skerries **Shet** 19 October; 2 North Ronaldsay 21 October; 1 Fair Is 22 October.

1 wintered Channerwick **Shet** 2 November-26 December. *5th & 6th for North-east Scotland.*

Reed Bunting *Emberiza schoeniculus*

Winter/Spring: 250 Craigluscar **F**, 200 Cairneyhill **F**, 111 Loch of Strathbeg **NE**, 103 Mersehead **D&G** with flocks of 30-49 birds Saline **F**, Stantling Craig **B**, Inch **F**, Loch Gruinart, Islay **Arg**, Lochhead Loch **F**, Cambus **Forth**, Ormiclate, South Uist **OH** & 33 Lecropt **Forth** during January-February with 41 Skinflats **Forth** in March. Best elsewhere was Clyde 20, Ayr 15 and M&N 12.

Area	sites	terrs
Ork	12	17
OHeb	10	13
M&N	10	21
A&D	1	10
P&K	8	39
Fife	20	60
Forth	1	4
Loth	3	42
Bord	39	61
Arg	7	23
Clyde	67	177
Ayr	27	66
D&G	1	21

Breeding: Well reported in many areas. Best territorial counts 34 Aberlady **L**, 30 Vane Farm **P&K**, 26 Lochwinnoch **Clyde**, 21 at Mersehead **D&G**, 18 Carsebreck **P&K**, 17 Kilconquhar Loch **F** & 15 Cardowan **Clyde**. Big increase Vane Farm from 13 in 2000 to 30 in 2001 with 12 pairs Colonsay **Arg** (10 in 2000). First fledged young: Fife 25 June; Bord 22 July.
Late nests Ork where feeding young 18 August.

Autumn/Winter: Flocks of 255 Easter Inch Moss **L**, 100+ Cairnie Pier **P&K**, 71 Loch of Strathbeg, 50 Dillarburn **Clyde**, 50 Deeside Golf Course **NE**, and 20-49 birds Ruthwell **D&G**, Vane Farm **P&K**, Culbin Bar **M&N** & Lochore Meadows **F** during October-December.

Max elsewhere: Arg 17, OHeb 14, Bord 10.

Passage: 1-4 **Fair Is** from 29 March-9 April; 7 **Shet** 5 April-17 May with maximum 3 Haroldswick on 3-17 May; 1-8 Fair Is 25 April-16 May; 1 St. Kilda **OH** 28 April.
36SW (1hr) Elie Ness **F** 13 October. 1-6 Fair Is 28 September-10 October & 16-27 October; 4 Fetlar **Shet** 30 September; 15 Out Skerries **Shet** 19 October; maximum 12 Fair Is 24 October; 1 St.Kilda on 23-24 October. *Has become increasingly scarce on Shetland since the last breeding there in 1995.*

Black-headed Bunting *Emberiza melanocephala*

Spring: 1f Machrins, Colonsay **Arg** 8 June; 1 **Fair Is** 16 June. *Seventh for Argyll.*
Autumn: 1 Fair Is 11-26 September. *22nd-23rd for Fair Isle.*

Corn Bunting *Emberiza calandra*

Winter/Spring: 139 Crail/Anstruther/Balcomie **F** census, 120 Inverallochy **NE**, 51 Fife Ness **F**, 50 Kingsbarns **F** & 40 Stoneybridge, South Uist **OH**, 40 Pittenweem **F**, 31 Drimsdale, South Uist **OH** & 11 Clochan **M&N** in January-February; 30 Paiblesgarry, North Uist **OH**, 29 Nunton, Benbecula **OH** & 25 Rattray **NE** in March-April.

Breeding: **OHeb** 10mm at 3 sites Benbecula, 1 site Barra, 2mm at 1 sites North Uist & br3 at 1 sites South Uist; **M&N** noted 15 sites; **NE** 15 Whiterashes in April; 15 South Meiklemoss in May; **A&D** present in coastal area but no details; **Fife** survey shows decrease from 90mm (in 2000) to 75mm in East Fife, returning to the low figure of 1997; **Arg** 1m singing Gigha, Kintyre 16 July was not found subsequently, 1 Fidden, Mull 22 August was undoubtedly a migrant; **D&G** 3mm Ruthwell, 2 Powfoot and singles Clarencefield, Amisfield, Bankend, Mainsriddle & Brighouse Bay. First fledged young: OHeb 19 August.
No reports from Loth, Bord, Ayr & Arg.

Autumn/Winter: 25 Village, Vallay **OH** during September; 39 Howmore, South Uist **OH** in October;

Extralimital: 1 **Is of May** on 13-18 May was first since 1985; 1 **Fair Is** 23-27 May was the third since 1980.

Escapes

Black-crowned Night Heron *Nycticorax nycticorax*
2 Corstorphine, Edinburgh **L** 28 January; 1 River Almond **L** 29 July are assumed to be from Edinburgh Zoo.

Black Swan *Cygnus atratus*
1 Loch of Harray **Ork** all year; 1 Carlingwark Loch **D&G** through year. 1 Threave **D&G** 3 January, 16 October & 1 December; 1 Carthies Bridge **P&K** 23 & 25 January; 1 Forfar Loch **F** 13 February & 12 March; 1 Glenkiln Reservoir **D&G** 17 February; 1 Haystoun Pond, Peebles **B** 18 February; 2 Bishopsfauld, Comrie **P&K** 9-10 March; 2 North Ronaldsay **Ork** 29-30 March, probably same Peerie Sea, Kirkwall **Ork** 17-30 May, later breeding nearby in Kirkwall and rearing br3 and later at Peerie Sea 19 November -8 December; 2 Ugie **NE** in April bred at pond in St.Fergus Oil Terminal **NE**, fledging 1 young, the 3 later visited Loch of Strathbeg **NE** 23-27 September; 1 Montrose Basin **A&D** in April; pair nesting Union Canal at Ratho **L** 11 April; pair Bluemull Sound **Shet** 1 May were at Muness, Unst **Shet** 3 May and at Baltasound **Shet** 4-14 May; 1 Eastriggs **D&G** 1 May. Pair Forfar Loch **A&D** & another pair Montrose Basin **A&D** on 13 July to August; 2 flew over Scalloway **Shet** 6 September; 1 Forfar Loch 13 October- December.

Lesser White-fronted Goose
1 Loch of Craiglush **P&K** 6 July.

Ross's Goose *Anser rossi*
1 Caerlaverock **D&G** 29 August & 16 September; 1S Seamill **Ayr** 18 November; 1 Loch Feochan & Loch Nell **Arg** in December was thought to be same as the summer 2000 bird; 1 Horse Is. **Ayr** 23 December.

Bar-headed Goose *Anser indicus*
2E Tombuie, Aberfeldy **P&K** 9 April; 2 clipped winged birds Whalsay **Shet** 25 April; 1 Musselburgh **L** on 30 April; 1 Tingwall **Shet** & Ringasta **Shet** 1 May; 2 Findhorn Bay **M&N** 23 May; 12 Loiriston Loch **NE** 20 June; 5 Castle Loch, Lochmaben **D&G** on 24 August with 11 there 26 August.

Emperor Goose *Anser canagica*
1 Lady Is. **Ayr** 11 April, possibly a different bird at Horse Is. **Ayr** 21 May; 1 Belhaven **L** from 25 August-16 December.

Magellan Goose *Chloephaga picta*
1 Merryton **Clyde** 24 January & 1 Auchlochan Pond **Clyde** 16 September-18 December.

Egyptian Goose *Alopchen aegyptica*
1 Loch of Craiglush **P&K** 5 April.

Muscovy Duck *Carina moschata*
6 Loch Spynie **M&N** 19 January with 4 there 24 January & 1 Lossie Estuary **M&N** 1 March. Pair Tarbert **Arg** in August; 3 Loch Sween **Arg** 4 November.

Wood Duck *Aix sponsa*
1m St.Andrews **F** 19 March-3 May; 1 f Craigend Quarry Pond **Clyde** 4 September.

Ruddy/Cape/Paradise Shelduck *Tadorna sp.*
1 Skinflats **Forth** 2-3 March was thought to be a hybrid *Tadorna*, as was a different bird at Cambuskenneth **Forth** on 16 September & 14 October.

Ruddy Shelduck *Tadorna ferruginea*
1 Eden Estuary **F** 6,10 & 29 May with 2 there 16 June.

Cinnamon Teal *Anas cyanoptera*
1m Aros Estuary, Mull **Arg** 20 September was assumed to be an escape.

Harris' Hawk *Parabuteo unicintus*
1 Millburn Glen **Clyde** 1 November.

Golden Pheasant *Chrysolophus pictus*
1 Harestanes **B** 15 February.

Temminck's Tragopan *Tragopon temminckii*
Ad m Pitnacree House, Strathay **P&K** 13 March was in its second year of surviving in the wild.

Eagle Owl *Bubo bubo*
1 Bishop's Glen, Dunoon **Arg** 30 December.

Cockatiel *Nymphicus hollandicus*
1 Hunter's Bog, Holyrood Park **L** 27 May; 1 Musselburgh **L** 26 August.

Ring-necked Parakeet *Psittacula krameri*
1 Cathcart, Glasgow **Clyde** 9 April; 1 m Baron's Haugh **Clyde** 29 November.

Parakeet sp. *Psittacula sp.*
1 Cramond **L** 11 December.

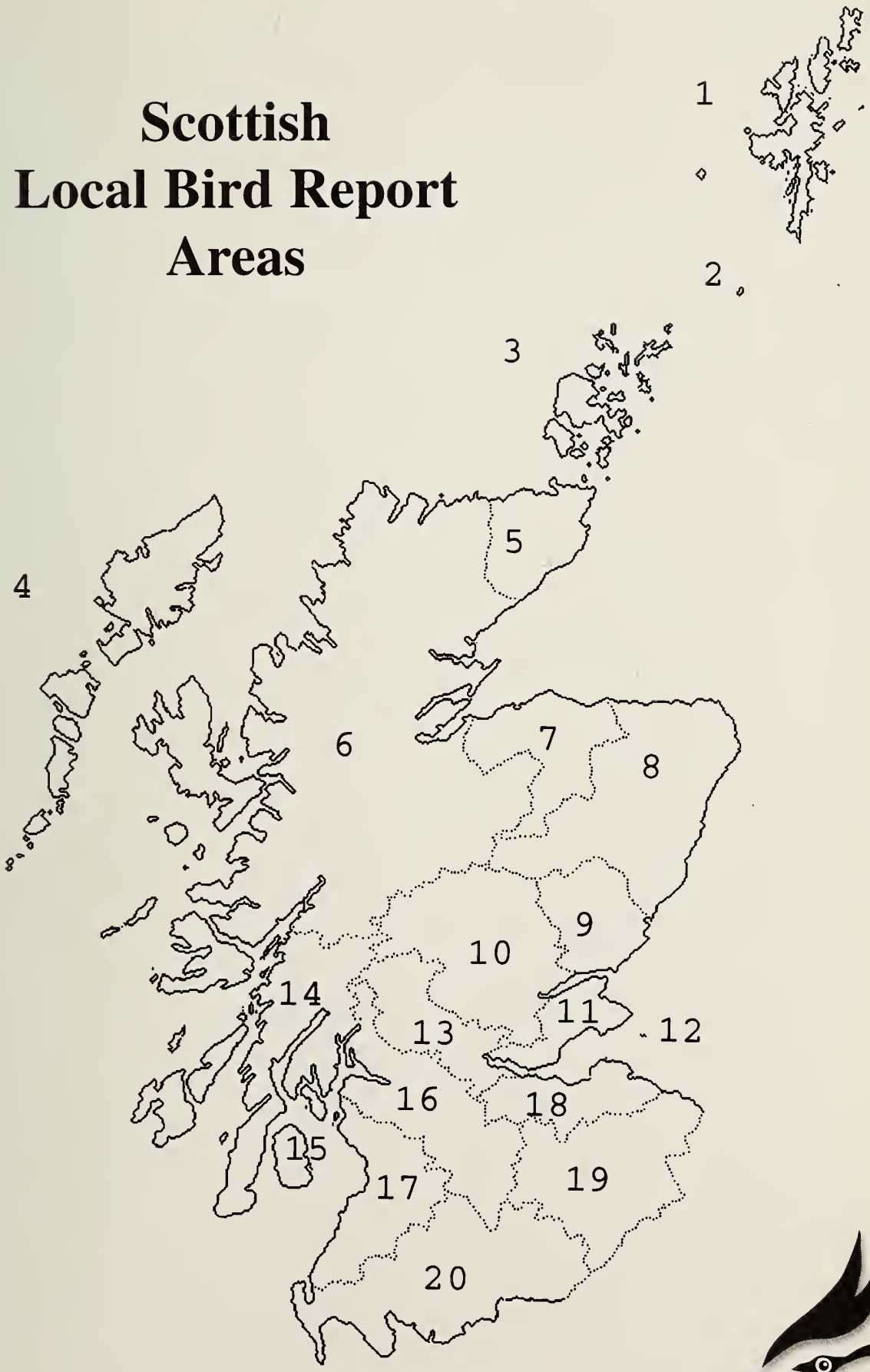
Budgerigar *Melopsittacus undulatus*
1 albino birds Skinflats **Forth** 26 August.

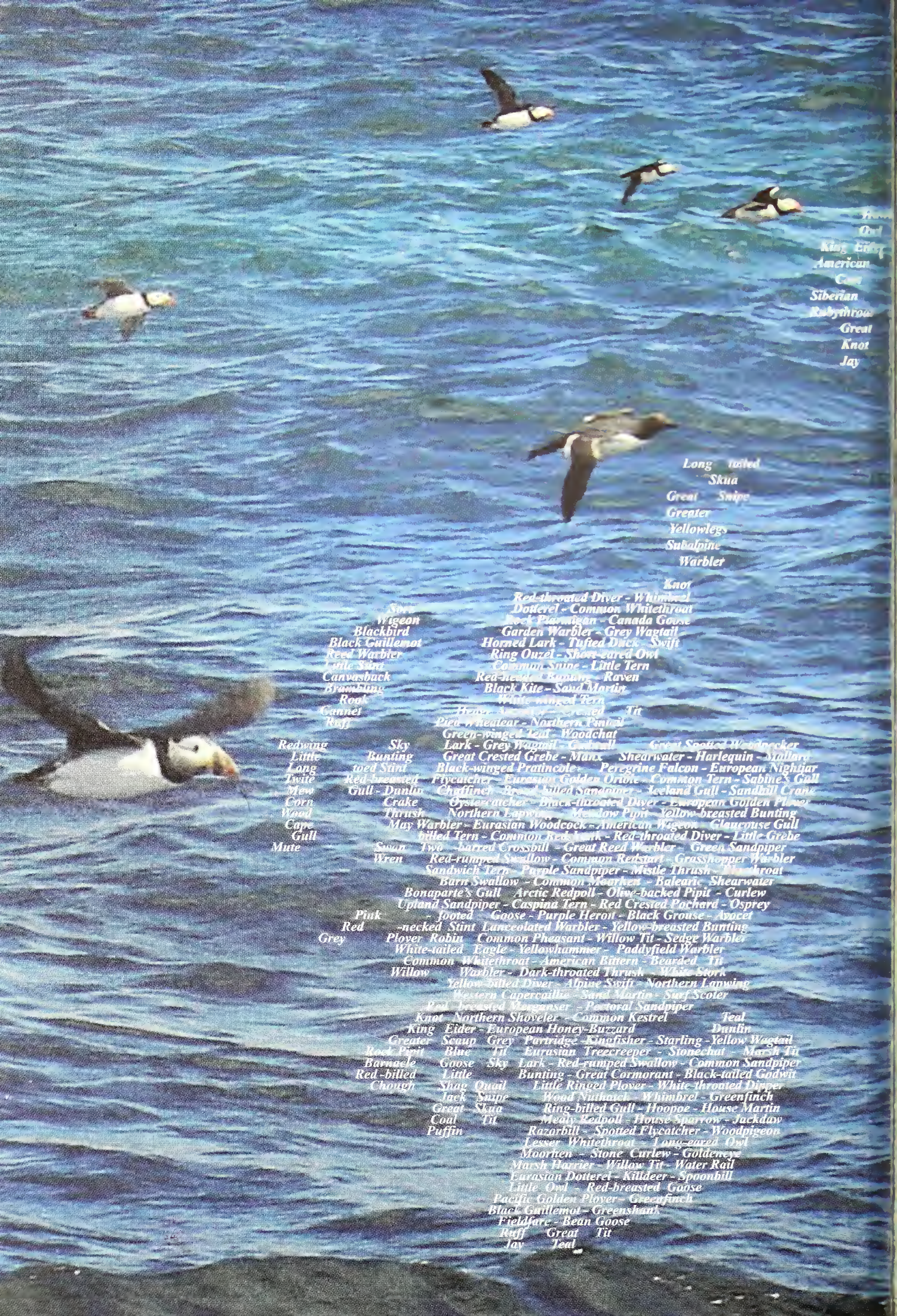
Barbary Dove *Streptopelia risoria*
1 North Ronaldsay Ork 18 October.

Bohemian Waxwing *Bombycilla garrulus*
1 **Fair Is** 28 June-8 July had a plastic leg ring and ate jam from the hand !

Yellow-billed Grosbeak *Euphonia migratoria*
1m Sumburgh Head **Shet** 15-17 May.

Scottish Local Bird Report Areas




Owl
King Eider
American
Siberian
Great
Knot
Jay
Long tailed
Skua
Great Snipe
Greater
Yellowlegs
Subalpine
Warbler
Knot
Red-throated Diver - Whimbrel
Dotterel - Common Whitethroat
Wigeon
Rock Ptarmigan - Canada Goose
Blackbird
Garden Warbler - Grey Wagtail
Black Guillemot
Horned Lark - Tufted Duck - Swift
Reed Warbler
Ring Ouzel - Short-eared Owl
Little Stint
Common Snipe - Little Tern
Canvasback
Red-necked Phalarope - Raven
Brambling
Black Kite - Sand Martin
Rook
White-winged Tern
Gannet
Tit
Ruff
Pied Wheatear - Northern Pintail
Green-winged Teal - Woodchat
Redwing
Sky
Lark - Grey Wagtail - Goldcrest
Great Spotted Woodpecker
Little
Bunting
Great Crested Grebe - Manx
Shearwater - Harlequin - Mallard
Long
toed Stint
Black-winged Pratincole
Peregrine Falcon - European Nightjar
Twite
Red-breasted
Flycatcher - Eurasian Golden Oriole - Common Tern - Sabine's Gull
Mew
Gull - Dunlin
Chaffinch - Bar-tailed Sandpiper - Iceland Gull - Sandhill Crane
Corn
Crake
Oystercatcher - Black-throated Diver - European Golden Plover
Wood
Thrush
Northern Lapwing - Meadow Pipit - Yellow-breasted Bunting
Cape
May Warbler - Eurasian Woodcock - American Wigeon - Glaucous Gull
Gull
billed Tern - Common Redshank - Red-throated Diver - Little Grebe
Mute
Swan
Two -barred Crossbill - Great Reed Warbler - Green Sandpiper
Wren
Red-rumped Swallow - Common Redstart - Grasshopper Warbler
Sandwich Tern - Purple Sandpiper - Mistle Thrush - Whitethroat
Barn Swallow - Common Merlin - Balearic Shearwater
Bonaparte's Gull
Arctic Redpoll - Olive-backed Pipit - Curlew
Upland Sandpiper - Caspian Tern - Red Crested Pochard - Osprey
Pink
- footed
Goose - Purple Heron - Black Grouse - Avocet
Red
-necked Stint
Lanceolated Warbler - Yellow-breasted Bunting
Grey
Plover
Robin
Common Pheasant - Willow Tit - Sedge Warbler
White-tailed
Eagle - Yellowhammer - Paddyfield Warbler
Common Whitethroat - American Bittern - Bearded Tit
Willow
Warbler - Dark-throated Thrush - White Stork
Yellow-billed Diver - Alpine Swift - Northern Lanwing
Western Capercaillie - Sand Martin - Surf Scoter
Red -breasted Merganser - Pectoral Sandpiper
Knot
Northern Shoveler - Common Kestrel
Teal
King
Eider - European Honey-Buzzard
Dunlin
Greater
Scaup
Grey
Partridge - Kingfisher - Starling - Yellow Wagtail
Rock Pipit
Blue
Tit
Eurasian Treecreeper - Stonechat - Marsh Tit
Barnacle
Goose
Sky
Lark - Red-rumped Swallow - Common Sandpiper
Red -billed
Little
Bunting - Great Cormorant - Black-tailed Godwit
Chough
Shag
Quail
Little Ringed Plover - White-throated Dipper
Jack
Snipe
Wood Nuthatch - Whimbrel - Greenfinch
Great
Skua
Ring-billed Gull - Hoopoe - House Martin
Coal
Tit
Mealy Redpoll - House Sparrow - Jackdaw
Puffin
Razorbill - Spotted Flycatcher - Woodpigeon
Lesser Whitethroat - Long-eared Owl
Moorhen - Stone Curlew - Goldeneye
Marsh Harrier - Willow Tit - Water Rail
Eurasian Dotterel - Killdeer - Spoonbill
Little Owl - Red-breasted Goose
Pacific Golden Plover - Greenfinch
Black Guillemot - Greenshank
Fieldfare - Bean Goose
Ruff
Great
Tit
Jay
Teal

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